

19991102.qrp v01_n627.qrl.991102

Date: Tue, 2 Nov 1999 19:03:06 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1627

QRP-L Digest 1627

Topics covered in this issue include:

- 1) [54912] Re: CONTEST: FDIM 2000 DESIGN/BUILDING ANNOUNCEMENT
by Roger Traylor <traylor@ECE.ORST.EDU>
- 2) [54913] Re: QRP: Kudo\'s to W1AW/W1RFI
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
- 3) [54914] ARRL CW Sweepstakes
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
- 4) [54915] Re: What a Weekend\! - QRP-L and Synergy
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 5) [54916] ADMIN
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 6) [54917] FREE headset (almost)
by "Jess Gypin" <jessqrp@earthlink.net>
- 7) [54918] RE: Sale MFJ Tunable DSP filter Model MFJ 784B
by "D Howard" <dhoward@sympatico.ca>
- 8) [54919] need a simple project
by KU4YP@aol.com
- 9) [54920] Re: Smaller Altoids Tin
by "Robert Roach" <ke4qok@worldnet.att.net>
- 10) [54921] RE: WAS 30 meters
by radioham@erols.com
- 11) [54922] QRP 25 Award
by radioham@erols.com
- 12) [54923] Wanted: 49er board
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 13) [54924] Headset is spoken for
by "Jess Gypin" <jessqrp@earthlink.net>
- 14) [54925] ListServ down?
by "Roger Hightower" <n7kt@earthlink.net>
- 15) [54926] Re: Wanted: 49er board
by Bill Jones <kd7s@psnw.com>
- 16) [54927] Re: Wanted: 49er board
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 17) [54928] Sweepstakes Software
by "Ken Hanks" <ken.hanks@po.state.ct.us>
- 18) [54929] Re: Manhattan Pads source
by ka7you@juno.com
- 19) [54930] FOX:

- by Monte Stark <ku7y@dri.edu>
- 20) [54931] Spartan Sprint/Fox
by dschneider2@uswest.net
- 21) [54932] CLUB: IAQRP DSM Hamfest Recap
by "John Burnley" <burnleyia@home.com>
- 22) [54933] CLUB: Portland Harborcon
by rex@ime.net (Rex Harper)
- 23) [54934] 160 Meters QRP
by aweiss@usd.edu (Ade Weiss W0RSP)
- 24) [54935] HB: RMS voltage detector chip
by aweiss@usd.edu (Ade Weiss W0RSP)
- 25) [54936] Re: KITS: TFR and my better mousetrap...
by "Dave" <kd6kwm@mindspring.com>
- 26) [54937] Re: Sweepstakes and QRP: hints & tips?
by Bill B Lazure <n2tpa@juno.com>
- 27) [54938] N4BP Website
by Bob Patten <n4bp@bc.seflin.org>
- 28) [54939] FS: Ten Tec 218 1.8 Khz filter
by "Tim Cook" <timcook@erinet.com>
- 29) [54940] Starkist pop top
by "Francis Callahan" <colcal@srv.net>
- 30) [54941] CUSHCRAFT PC9010N 900MHz ANTENNAE FS
by jmarran@juno.com
- 31) [54942] SS and Novice/TechPlus Bands
by "Brian J Keegan" <brimail@home.com>
- 32) [54943] Re: 160 Meters QRP
by "KC1DI" <elbc@pivot.net>
- 33) [54944] Miles Per Watt Records @ KJ5TF Web Site
by Jim Hale <kj5tf@yahoo.com>
- 34) [54945] QRP-L troubles
by kreinbd@ccgate.dl.nec.com (David Kreinberg)
- 35) [54946] FOX: preliminary log, from full of holes AB5UA
by Clifton W Sikes <ab5uacw@juno.com>
- 36) [54947] Arkansas QRP Club & new 40M SSB net
by Jim Hale <kj5tf@yahoo.com>
- 37) [54948] Re: 160 Meters QRP
by "David Benson" <nn1g@earthlink.net>
- 38) [54949] Re: 1V Challenge
by "Steven Weber" <kd1jv@moose.ncia.net>
- 39) [54950] Socorro, NM Hamfest Nov. 13
by jaywa5whn@juno.com
- 40) [54951] OPERATING: Re: Miles Per Watt Records @ KJ5TF Web Site
by Chris Cartwright Sr <ccart@phideaux.com>
- 41) [54952] ANT: Uncle Buck fishing poles as Antenna supports
by "David Hurley,n2zhy" <n2zhy@amsat.org>
- 42) [54953] Re: ZOMBIE: I saw Elvis!
by Bruce Rattray <rattray@gpfn.sk.ca>
- 43) [54954] RE: 1V Challenge

by Dave Barrett <DBarrett@creo.com>
44) [54955] 1 V Challenge
by "Steven Weber" <kd1jv@moose.ncia.net>
45) [54956] Re: 1V Challenge
by "Leon Heller" <leon_heller@hotmail.com>
46) [54957] QRP-L vs QRP-F
by Ron Keener <rkeener@realtime.net>
47) [54958] RE: 1V Challenge
by Karl Kanalz <KKanalz@excel.com>
48) [54959] Re: Sale MFJ Tunable DSP filter Model MFJ 784B
by "Ronald Hands" <rhands@hwcen.org>
49) [54960] FW: QRP-L vs QRP-F
by "Ed Tanton" <n4xy@att.net>
50) [54961] 1 volt challenge idea
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
51) [54962] Re: QRP-L vs QRP-F
by "Richard E. Robinson" <rerobins@email.uncc.edu>
52) [54963] Re: ELMER100: Toroid Experiment
by "Richard E. Robinson" <rerobins@email.uncc.edu>
53) [54964] 12M mW DX
by Jim Hale <kj5tf@yahoo.com>
54) [54965] Re: QRP-L vs QRP-F
by Monte Stark <ku7y@dri.edu>
55) [54966] QRP-L, QRP-F
by Lee Bahr <bahr521@earthlink.net>
56) [54967] CONTESTS: SS next weekend
by Monte Stark <ku7y@dri.edu>
57) [54968] Some thoughts
by "Hartwell, Martin E (Marty)" <mhartwell@lucent.com>
58) [54969] HB: 1V Challenge
by Bruce Kizerian <kizerian@ced.utah.edu>
59) [54970] 1v: been done, already!
by Jim <w7ls@blarg.net>
60) [54971] ARKANSAS Millennium Challenge.
by Ed Loranger <we6w@qsl.net>
61) [54972] Re: 1v: been done, already!
by Niel Skousen <skousen@srv.net>
62) [54973] Re: QRP-L, QRP-F
by "Tony Fishpool" <g4wif@btinternet.com>
63) [54974] ANT: 1/4 wavelength Marconi feeder
by "Richard E. Robinson" <rerobins@email.uncc.edu>
64) [54975] WTB: ZM-2 - Quickly
by "Ed Manuel (N5EM)" <n5em@flash.net>
65) [54976] Re: QRP-L vs QRP-F
by Pete Burbank <plburbank@kih.net>
66) [54977] ADMIN
by lujce@Lehigh.EDU
67) [54978] Re: HB: 1V Challenge

by David Hinerman <dlh1009@ritvax.isc.rit.edu>
68) [54979] RE: 1/4 wavelength Marconi feeder
by Karl Kanalz <KKanalz@excel.com>
69) [54980] Re: 1/4 wavelength Marconi feeder
by "KC1DI" <elbc@pivot.net>
70) [54981] RE: CONTESTS: SS next weekend
by "NA6E" <mcherry@calweb.com>
71) [54982] RE: 1/4 wavelength Marconi feeder
by Karl Kanalz <KKanalz@excel.com>
72) [54983] Test do not read
by Jess Gypin <jessqrp@earthlink.net>
73) [54984] REVIEW: Building the K2
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
74) [54985] Re: ADMIN
by "John A. Evans - N0HJ" <jae@codenet.net>
75) [54986] REVIEW: Building the K2 OOPS I Forgot
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
76) [54987] Re: ADMIN
by Jim Stafford <w4qo@amsat.org>
77) [54988] HB: Re: 1 volt challenge idea
by "S. M. Whitehouse" <ke4yh@gte.net>
78) [54989] RE:REVIEW: Building the K2
by Ed Loranger <we6w@qsl.net>
79) [54990] Re: QRP-L, QRP-F
by Terry Bendell <terryb@bmts.com>
80) [54991] Re:1 V Challenge
by Ed Loranger <we6w@qsl.net>
81) [54992] Re: Sweepstakes Software
by "Kent, AE4Y" <ae4y@hotmail.com>
82) [54993] RE: 1 V Challenge
by "ai2q" <ai2q@ispchannel.com>
83) [54994] HB: More on 1V Challenge
by "Steven Weber" <kd1jv@moose.ncia.net>
84) [54995] CONTESTS: Re: SS next weekend
by w4pj@w4bkx.ampr.org
85) [54996] Re: REVIEW: Building the K2
by "K7FD" <cqdx@teleport.com>
86) [54997] REVIEW: RE: Building the K2
by Gary L Surrency <gsurrency@juno.com>
87) [54998] RE: CONTESTS: SS next weekend
by Monte Stark <ku7y@dri.edu>
88) [54999] FOXHUNT:Team Scores
by Bruce Rattray <rattray@gpfn.sk.ca>
89) [55000] RE: CONTESTS: SS next weekend
by Monte Stark <ku7y@dri.edu>
90) [55001] 2N3553 Sub?
by ka7you@juno.com
91) [55002] Re: 1V Challenge

by Wa3ptg@aol.com
92) [55003] CONTEST: Re: Sweepstakes Software
by Hank Kohl K8DD <k8dd@arrl.net>

Date: Mon, 01 Nov 1999 16:05:46 PST
From: Roger Traylor <traylor@ECE.OST.EDU>
To: w4du@bellsouth.net
Cc: qrp-l@lehigh.edu
Subject: [54912] Re: CONTEST: FDIM 2000 DESIGN/BUILDING ANNOUNCEMENT
Message-ID: <199911020005.QAA23416@guille.ECE.OST.EDU>

Well darn, there goes another winter and spring with both my
spare neurons endlessly grinding upon another of Wayne's challenges.

I feel like a moth drawn to the flame.

And the're off.....

Roger Traylor
WB4TPW

>
> THE 1-VOLT CHALLENGE
> Okay gals and guys, here is the first bit of information on FDIM 2000. Many
> past attendees will remember that on Saturday night, there is a contest for
> homebrew as well as kits. People bring their latest project and enter it
> into the building contest. This year, we are going to do something in
> addition to those traditional categories. The idea comes to us from Wayne
> Burdick, N6KR, the innovator (perpetrator?) of the famous 2N2222 challenge.
> Here is the "1 volt challenge" in his words:

snip!

Date: Mon, 01 Nov 1999 19:11:20 -0500
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [54913] Re: QRP: Kudo\'s to W1AW/W1RFI
Message-ID: <381E2C28.48C4@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul Harden, NA5N wrote:

> Personally, I think Ed has done an excellent
> job and performed countless hours of good QRP-work with the Tuna Tin 2,
> and his coordination with W1AW/ARRL. I have seen some positive changes in
> the ARRL where QRP issues are concerned, and can't help but think Ed has
> been a large contributing force. Great job Ed on your efforts.

Hi, Paul,

Well, my efforts are really not all that big of a deal, at least as far as ARRL in general goes. I have "silently" worked the QRP angle here for years, although wrt things like publication, etc., it really didn't need to be worked. Part of my effort really stemmed from a thread here some time back, where some felt that ARRL was not supportive of QRP. I would hope that some of my explanations about how the League has, for a long time, been supportive of QRP, and how it shows that support (one or two issues notwithstanding) was as much a help as my behind the scenes QRPishness. :-). After all, in things like support of an organization, perception IS reality. My reasons for doing it, and my participation here, are both personal choices. To the extent that the League does some mighty important things that support ALL of Amateur Radio, I feel we all need to rally behind that and make it stronger for our mutual strength. (I won't get into this here; that would go too far away from QRP.) And, in that light, I chose to make it stronger by being a bit more open and explaining ARRL's role wrt QRP. And, of course, I am not the publisher; I am not the ARRL Board, just that bearded guy in the ARRL Lab. So my influence is really not that strong, except in a few areas.

Now, some of the "changes" you have seen are, indeed, policy changes. The decision to run a QRP column in the ARRL Web Extra was made at the highest levels. It came as a surprise to me, believe it or not. (Sometimes they tell me these things; sometimes they do not!) Things like the Tuna Tin 2 Revival are not policy changes; I did that as W1RFI, not as the Lab Supervisor. My boss doesn't mind that I did it, but it is NOT part of my job responsibilities and I will see no financial reward for having operated the TT2 from sundry places, or at W1AW/QRP.

What HAS helped me to work QRP issues at ARRL HQ has been the support of the QRP community. Membership runs high in this crowd, and when I offered some strawman stats, it helped. Interest in QRP is growing; participation in "QRO" events by QRPers is growing and the League should, IMHO, respond to that interest. Are there unresolved issues? Sure there are, and in more areas than QRP. But even this community seems divided on some of them, and not proactive on others. How many different opinions on QRP DXCC are there? How few hams have communicated their views on that subject to their Division Director? But that is one issue, maybe someday we will see it. Maybe someday we

will see a QRP column in QST (the ARRL Lab COULD freeze over somehow. :-)). But the bottom line is that QRPers make the difference and the changes, not Ed Hare. Those that participated in the League's contests in the Q class have encouraged more; those that voice their views to their Directors make a difference, too. I just smooth over a few rough spots in that communication, as QRP's low friend in high places in the ARRL Lab. Keep it up, guys; it is YOU who are changing the world. I am just doing my small bit part. :-)

> Also want to thank Bruce Mucscolino for expanding the TT2 theme into the
> Black Cat event.

I think Mike had something to do with it, too. It kinda' grew, somehow. But we should always remember that it was Bruce's hand that breathed life back into the TT2 when it looked like it would never beep again!

> and rift amongst qrpers. This weekend was an example of the UNITY that
> does exist within QRP, and how several organizations *do* work together to
> coordinate and execute these things, inspite of the "words" that implies
> the opposite. It is interesting to note that the Zombie Shuffle, Black
> Cat and W1AW activities were all orchestrated and promoted primarily by
> the internet, showing how important this media is to us all (regardless of
> what "site" you get the information from).

Hey, QST and the ARRL Web page helped, too. :-) And I may be blind to these things, but I really don't see the rift. I see an occasional squabble, as the recent QRP-L differences of opinion go, but I really haven't see anything like real flameage. Of course, I may judge by a different standard; I am a denizen of rec.radio.amateur.policy. I think that QRPers can be proud of the way we manage differences of opinion and manage to find common ground in spite of them.

> I think it was great to see all of these activities work together, and I
> know Ed, myself, and a couple of others are planning on how to do it
> again. Thanks again for everyone who helped out with the activities, and
> those who participated. It was some of the best, fun time I've had on the
> air in quite awhile, and all of us involved want to see it happen again.

Amen! But you know, one of the contacts I made showed me that it should be more than W1AW! When I worked VE5QRP, I realized that there are a lot of "organizational" club calls that could help create even more excitement. I think that most regional or national QRP orgs, in and outside the US, have club stations and calls; maybe they could ALL be worth bonus points, if you want to use the same format of a 4-hour Shuffle followed by the Black Cat weekend, with the requirement that they are able to do a reasonable, serious effort (like at least 15 hours of operation on more than one band, as an example.) Just an idea for

the next campfire (Southwest Airlines just started in Connecticut; maybe I can buy one of those real cheap intro fares now and come to the Fort without having to spend a few minutes every hour at the ARRL booth.) Now, the REAL thing QRP has gotta' do is to get that darn WW moved away from Halloween weekend. :-) The other bands were okay, but 40 M was a MESS! Once 20 M closed down, so did we. I suppose that we could bring 30 M into the picture a bit more; it is a nice day and nighttime band and I don't think QRPers hanging around, even in a contest mode, will cause any real trouble to the commercial folks. Just another idea.

But I am already thinking about next year's activities and how I can use W1AW to make it as much fun as possible. They really don't like to see W1AW/portable much, though, so whatever it is, it has to be at HQ. Does anyone have any ideas?

For now, 73,
Ed Hare, W1RFI

Date: Mon, 01 Nov 1999 19:22:04 -0500
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [54914] ARRL CW Sweepstakes
Message-ID: <381E2EAC.1017@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Okay, gang,

Next weekend is the ARRL CW Sweepstakes. I know I am sounding like a broken record, but once again, I want to ask QRPers to spend at least a little time in the 'test, and send in a log, even for a few QSOs! Last year, they DID notice the increase in Q class entries, and I want to get them to really sit up and take notice. The more Q participation the League sees, the more they will know that the things that are created for QRPers will be used and appreciated -- an important thing for an organization that sometimes only gets to hear from those who are disappointed. :-) So work at least a few hours, log 'em and spring for the 33 cents or email in your log. Send in your soapbox comments, too, with a cc to your ARRL Division Director if you want to really st and on a soapbox. Let 'em know we care about QRP and we vote! :-)

I won't do a full effort this year, but I will get on for a bit from both W1RFI and from W1AW. I will run a big 5 W for both, unless I see good conditions for a state I need 10 mW (got most of the states east of

the Mississippi). :-)

Now, I have played in a number of contests and want to air a bit of a gripe. I have noticed that some QRPers either spend all their time calling CQ or spend all their time in the S&P mode. Even worse, when the S&P, they only call the LOUD ones. I can't tell you how many Q class stations I have heard in 'tests that I can't work because they never call CQ and don't answer my weak ones, even when I am following their tuning pattern up the band and calling CQ in the clear. Go to an "off" band (40 in the daytime, the upper end of the CW segment on 15 M) and spend some time calling CQ. If you have a memory keyer, program it and let it rip! Even if not, try about 10 minutes of CQ time an hour, especially when you are not finding lots of new blood. It will let other QRPers find you. And don't always assume you can't work the weak ones; give it a try now and again. You might find that the other station is running milliwatts and will hear your milliwatts just fine.

Anyway, as if I didn't get enough this past weekend, I will let my sore wrist recover some and see you all in the SS.

73,
Ed Hare, W1RFI

Date: Mon, 1 Nov 1999 19:34:50 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:al7fs@pobox.alaska.net" <al7fs@pobox.alaska.net>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.edu>
Subject: [54915] Re: What a Weekend\! - QRP-L and Synergy
Message-ID: <199911011937_MC2-8B3E-FAE3@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
charset=us-ascii
Content-Disposition: inline

Jim:

Yep, I am affirming again the value of this present QRP-L list. Am planning on the N/T+ ops using it throughout the season.

BTW, it's been a while since I ran into you. Hope my move to ND has made it more difficult to QSL with you. Fingers crossed here.

Good luck in the FOX hunt tonight. Clif always has a HUGE signal here, so

hopefully you will bag him.

72,

--Doc Lindsey/K0EVZ

DSBF

PO BOX 6028

Bismarck, ND 58506

K0EVZ@arrl.net

Date: Mon, 1 Nov 1999 19:34:49 -0500

From: "Wilford D. Lindsey" <70511.3041@compuserve.com>

To: "INTERNET:lujce@Lehigh.EDU" <lujce@Lehigh.edu>

Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>

Subject: [54916] ADMIN

Message-ID: <199911011937_MC2-8B3E-FAE1@compuserve.com>

MIME-Version: 1.0

Content-Transfer-Encoding: 7bit

Content-Type: text/plain;

charset=us-ascii

Content-Disposition: inline

Jim:

This is surely good news for the N/T+ FOX hunt process this season. The
only way they really have to post quickly is via the QRP-L reflector.

Thanks for this encouraging word :-).

72,

--Doc Lindsey/K0EVZ

DSBF

PO BOX 6028

Bismarck, ND 58506

K0EVZ@arrl.net

Date: Mon, 1 Nov 1999 17:55:17 -0700

From: "Jess Gypin" <jessqrp@earthlink.net>

To: <qrp-l@lehigh.edu>, <elecraft@qsl.net>

Subject: [54917] FREE headset (almost)

Message-ID: <019401bf24cc\$ef57cbe0\$e1071f26@jessqrp>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I was just sitting here reading the posts on Elecraft and some that dribbled over to QRP-L and realized that I have something that may help someone else.

I have an older style Heil headset that I am not using anymore. It needs some fixing. The foam over the earpieces is gone. And it needs a new mike element. The mike element is a piece of cake to replace and the foam earpads are not that expensive either. I will offer this headset to the first person to email me with a legitimate need. The headset is wired right now for Kenwood but can be rewired or the plug changed.

Just send me an email with a SHORT description of why you would like it (this will not really determine who gets it :-) and I will pick. I would also request that whomever gets chosen be willing to send my \$5.00 to cover the cost of shipping.

Let 'em fly!

Jess AE0CW

Date: Mon, 1 Nov 1999 19:53:05 -0500
From: "D Howard" <dhoward@sympatico.ca>
To: <Bruce2@prodigy.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [54918] RE: Sale MFJ Tunable DSP filter Model MFJ 784B
Message-ID: <LNBBJGGC0IKHOGGKCHHMAEDPCHAA.dhoward@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Great device!!!

I bought one at the ham feast two weeks ago and am amazed at how well it pulls sigs out of the noise and QRM
Recommend it highly

73 Dan
VA3MA@RAC.CA

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Bruce
Sent: Monday, November 01, 1999 11:46 AM
To: Low Power Amateur Radio Discussion
Subject: Sale MFJ Tunable DSP filter Model MFJ 784B

This unit REALLY helps the noise reduction and selectivity on small QRP units or even factory built units.

Good as brand new and perfect. Used very little. Original box and manuals. Rig has full DSP don't use and it is just collecting dust. \$170. I will ship.

Bruce WB4WZL

Date: Mon, 1 Nov 1999 20:12:33 EST
From: KU4YP@aol.com
To: qrp-l@lehigh.edu
Subject: [54919] need a simple project
Message-ID: <0.66011cc1.254f9481@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

hello all,

ok, i have a couple of altoids tins and a 40m crystal. i need a simple project to "get my feer wet" with building something. the reason for the post is:

- 1) i do not read schematics well and do not have any experiance building radios.
- 2) i am despreatly wanting to do #1
- 3) i need a parts list and probably some elmering on this deal.

the crystal is a ft243 type (large and brown in color). i also have a 10.140 crystal and another 40m crystal which is smaller than the ft243.

i know this is a large order, but wanted to put this out there as i believe i am asking the most qualified people for help.

thanks in advance.

i think it's a shame when people are able to pass the advanced protion of the licensing exams, and don't know how to build a damn thing.

73 de KU4YP
Michael D. Prevatt
Lake Hendry, Fl

Member of the KnightLites QRP Group.
Active on HF/VHF/UHF
10X #70625

Date: Mon, 1 Nov 1999 20:31:44 -0500
From: "Robert Roach" <ke4qok@worldnet.att.net>
To: <mcintos@basf-corp.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [54920] Re: Smaller Altoids Tin
Message-ID: <001501bf24d2\$0771e4e0\$2e404d0c@ke4qok>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you want these tins you better get them while thaey are available. When I got mine the manager of the store told me that they were a special item and that he did not have any way to order more when they were gone.

You may want to check to see if this is a situation unique to the store I dealt with.

73
Bob
KE4QOK

----- Original Message -----

From: Stanley A Mcintosh <mcintos@basf-corp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, November 01, 1999 5:52 PM
Subject: Smaller Altoids Tin

> Okay, who's designing the DDS superhet transceiver with a DSP and internal
> Rainbow Tuner for the new Altoids tin? On the box, it's labeled "The TINY
Tin,"
> and it's 6.2 cm by 4 cm, and 1.6 cm tall. Maybe they came out with this
one
> just to fit the SMiTe plus assorted controls.
>
> 72
> stan
> kd4bth
>
>

Date: Mon, 01 Nov 1999 20:41:14 -0500
From: radioham@erols.com
To: <wb5rue@stic.net>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [54921] RE: WAS 30 meters
Message-ID: <3.0.6.32.19991101204114.007cd7c0@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Kevin-

I don't see the connection between earning an award for contacts on any band and contesting. You are competing only against yourself. There is no contest. QRP ARCI doesn't have as many rules or as much structure as the ARRL does, but, as far as I know, we do not do contesting, in the strict sense of the word, on the WARC bands either.

So, whether it is for 9 band WAS, DXCC, WAC or any combination thereof, you can earn the award from QRP ARCI.

And I strive for 14 day turn-around. That means, unless I am on vacation, travel or overwhelmed, I will get 95% of all applications issued as awards and in the mail back to you within 14 days of the time I receive it. I have never had that experience (more like 6 to 9 months or more) with any of the major award issuing organizations.

72/73,

Steve, N4EUK
QRP ARCO Awards Manager
<http://www.qrparci.org>

Date: Mon, 01 Nov 1999 21:09:11 -0500
From: radioham@erols.com
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [54922] QRP 25 Award
Message-ID: <3.0.6.32.19991101210911.007d0480@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have been asked to post the rules for the QRP 25 award - issued for contacting 25 members of QRP ARCI and getting their numbers. The recent contest may have made many of you eligible for this award. Here are the rules:

QRP-25 - This award is issued to any Amateur for working 25 members of QRP

ARCI while those members were running QRP. Endorsement certificates are offered for 50, 100 and every 100 thereafter. To apply send list of members worked. List should be in numerical order. Also see NOTES below about applying.

NOTES

1) The fee for all awards or endorsement certificates is \$2.00 US or 5 IRCs. Make checks or money orders (preferred) payable to Steve Slavsky. Cash is acceptable, but is sent at your risk.

2) No GCR or QSL prooof is necessary for this award. Just a list of stations, numbers, and, if you want an endorsement for a specific band, mode or power (i.e.- mw), please provide that info also.

Send Applications to:

QRP ARCI AWARDS CHAIRMAN
Steve Slavsky, N4EUK
12405 Kings Lake Drive
Reston, VA 20191-1611

Please include your e-mail address on any correspondence or applications.

72/73,

Steve, N4EUK
QRP ARCI Awards Manager
<http://www.qrparci.org>

Date: Mon, 01 Nov 1999 21:36:03 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, "njqrp@njqrp.org" <njqrp@njqrp.org>
Subject: [54923] Wanted: 49er board
Message-ID: <381E4E13.26ABF6B7@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Would anybody in the group know where I might find an unused, unpopulated Norcal 49er PC board??? I've been reviewing the design and want to play with it a bit.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Mon, 1 Nov 1999 20:05:03 -0700
From: "Jess Gypin" <jessqrp@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [54924] Headset is spoken for
Message-ID: <024501bf24df\$117a5500\$e1071f26@jessqrp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for all of the replies. I have a winner in the headset "giveaway".

Jess AE0CW

Date: Mon, 1 Nov 1999 20:03:33 -0000
From: "Roger Hightower" <n7kt@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [54925] ListServ down?
Message-ID: <000f01bf24a4\$2de9d980\$4893fc9e@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've been unable to get into the server to look at the archives. Is it down?

72...de Roger, N7KT

Date: Mon, 01 Nov 1999 19:58:28 -0800
From: Bill Jones <kd7s@psnw.com>

To: tjarey@home.com, qrp-1@lehigh.edu
Subject: [54926] Re: Wanted: 49er board
Message-ID: <381E6164.BAF57F7B@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It is my understanding that 40-9er boards are still available from FAR
Circuits.

"T.J. \"SKIP\" Arey N2EI" wrote:

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> unpopulated Norcal 49er PC board??? I've been reviewing the design and
> want to play with it a bit.

>

> --

> ++++++

>

> T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

>

> Website http://members.home.net/tjarey

>

> Snail Mail: PO Box 236, Beverly, NJ 08010

>

> Specialization is for insects! LAZARUS LONG

--

=====
Bill Jones - KD7S - <><
Sanger, California
http://www.psnw.com/~kd7s
=====

Date: Mon, 01 Nov 1999 23:03:52 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: Bill Jones <kd7s@psnw.com>
Cc: qrp-1@lehigh.edu
Subject: [54927] Re: Wanted: 49er board
Message-ID: <381E62A8.2835B570@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I checked the page but couldn't find it so I sent them an e-mail to see what the story is.

Bill Jones wrote:

```
>
> It is my understanding that 40-9er boards are still available from FAR
> Circuits.
>
> "T.J. \"SKIP\" Arey N2EI" wrote:
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> > --
> > ++++++
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> > Snail Mail: PO Box 236, Beverly, NJ 08010
> >
> > Specialization is for insects! LAZARUS LONG
>
> --
> =====
> Bill Jones - KD7S - <><
> Sanger, California
> http://www.psnw.com/~kd7s
> =====
```

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website http://members.home.net/tjarey

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Mon, 1 Nov 1999 23:05:01 -0500

From: "Ken Hanks" <ken.hanks@po.state.ct.us>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [54928] Sweepstakes Software
Message-ID: <000e01bf24e7\$726db160\$490d3ccc@acer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am looking for a freeware or shareware logging program for the Sweepstakes. I've decided that this year I am going to do the CW contest (QRP of course!)

I have some older logging software but it does not support the new station categories.

Any ideas?

73,

Ken Hanks K1 XS
Naugatuck, CT

Date: Mon, 01 Nov 1999 23:10:06 EST
From: ka7you@juno.com
To: QRP-L@LeHigh.EDU
Subject: [54929] Re: Manhattan Pads source
Message-ID: <19991101.211324.8247.12.ka7you@juno.com>

Last month I mentioned a potential source for narrow strips to make 'manhattan style' pads.

There were several who responded, but I've lost the list I prepared- "I don't remember being absent minded".

So I have some further info for those who expressed an interest.

Contact me of the list at: ka7you@juno.com

7 3,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
80M thru 10M with K2 s/n268 and other fine QRP rigs.
VHF thru 1296 MHz-higher bands pending
ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others

On Mon, 11 Oct 1999 23:00:26 EDT ka7you@juno.com writes:

>I've just been talking with the local PC board shop. There seems to
>be some interest in helping supply narrow strips from which to cut
>pads.

> I asked about getting strips cut to 1/4 inch width, and random
>lengths so we could just snip them off ala the AZ sqrpions 2n/40 board

>kit.
> What is the interest, and is that too wide for strips?
> Replies off the reflector appreciated.
> 7 3,
>Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
>80M thru 10M with K2 s/n268 and other fine QRP rigs.
>VHF thru 1296 MHz-higher bands pending
>ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others
>-----
>Get the Internet just the way you want it. Free software, free e-mail,
>and free Internet access for a month! Try Juno Web:
><http://dl.www.juno.com/dynoget/tagj>.

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 1 Nov 1999 20:36:43 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-l@Lehigh.EDU>
Subject: [54930] FOX:
Message-ID: <Pine.GS0.4.10.9911012036001.12238-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Got the fox here in Nevada with my little 950mW.

Wheeeeeeeee.....

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....

Date: Mon, 1 Nov 1999 21:55:48 -0700
From: dschneider2@uswest.net
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [54931] Spartan Sprint/Fox
Message-ID: <199911020456.XAA138570@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Didn't have a lot of time, but had great fun on the ARS' Spartan Sprint - running the SW40 @ 950mW. Worked OK CA PA UT CO TX OR WA from Colorado. Even stumbled across the Fox and bagged him. Listened to the sprint with one ear and worked the weekly Colorado QRP Club 2M net with the other. Nice warm-up for Sweepstakes.

Great fun.

72 Dick AB0CD..

Dick Schneider/Source Media Arts LLC

Date: Mon, 1 Nov 1999 23:04:56 -0600
From: "John Burnley" <burnleyia@home.com>
To: <QRP-L@lehigh.edu>
Cc: <IaQRP-L@divis17.ped-gen.uiowa.edu>
Subject: [54932] CLUB: IAQRP DSM Hamfest Recap
Message-ID: <003401bf24ef\$cedc7000\$1b790818@c149552-a.west1.ia.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Iowa QRP Club had two display tables at the Des Moines Hamfest this past Sunday. Once again the members came through and brought many great display items.

Mike N0MF brought an OHR WM-2 wattmeter, REGEN (punch pad/Manhattan construction), K2, DSW 40, punch pad (Manhattan style) SST's for 15 and 10 meters, and a 2N2/40 rig (you guessed it....punch pad/Manhattan). Larry WB0RMT brought his NC20, NWxx (Dan's variety), tuner, and power supply (all three in matching cases). Walt N9MZP also brought his newly constructed Tuna Tin 2. Walt used an old film can and used a piece of plastic for the board. He drilled the holes and bent over the leads to connect the parts. A novel construction method and an excellent job at putting the TT2 together. After these guys unpacked their goodies I felt as if I was in an art gallery (because these were all works of art!). John NU0V brought a ZM-1 (with AZsQRPion SWR LED indicator),

KnightSmite, Tick Keyer, 38 Special, MFJ-9017, and a PIXIE 2.

The club also distributed boards for the St. Louis Audio Amp. The boards were donated by the St. Louis QRP Society and my thanks to Dave Gauding for his help and support on this project.

I would like to congratulate the following people for winning door prizes: Delbert K0GVN (a copy of Paul Harden's Data Book for QRPers and Homebrewers), James KC0DD (a copy of the Autumn 1998 QRPP Elmer 101 issue), Duane N0HB (a copy of the Autumn 1998 QRPP Elmer 101 issue), and Bill W0KEK (a NorCal logbook). The items were donated by Paul Harden and Doug Hendricks and our thanks to both for their continued support of our club.

The hamfest was a great time and my thanks to Mike N0MF, Larry WB0RMT, Walt N9MZP and Jerry (WB0T) for their help with the display table. They are the reason the table was such a success!

72, John NU0V

Date: Tue, 2 Nov 1999 01:20:40 -0500
From: rex@ime.net (Rex Harper)
To: qrp-l@lehigh.edu
Subject: [54933] CLUB: Portland Harborcon
Message-ID: <v01530501b4441d6fb74f@[209.90.242.143]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings fellow Northern New England QRPers

Portland Harborcon
One (hopefully fine) Day in November
at
Ft. Loyal

is just a few days away.....

Just a reminder that Portland Harborcon will be taking place in Portland, Maine on Saturday, November 6th, 1999. Based on the infamous Norcal meetings, Portland Harborcon will be an informal meeting of all interested QRPers who would like to meet their fellow QRP enthusiasts, show off QRP

stuff, maybe make a swap or two, tell some QRP tales, and enjoy QRP camaraderie. Show up around 9:30 or 10, hang out with the gang until whenever you want to go or the last man/woman leaves and have a good time. A K2 (or two) will be there, neat projects galore, a mystery QRP related contest, door prizes, a informal talk or two, and refreshments round out the agenda. Please RSVP by Email (rex@ime.net or wlegge1@maine.rr.com) if you would like one of our *S*P*E*C*I*A*L* crudely constructed, but highly collectible badges waiting for you when you arrive. We would appreciate the advance warning so that we can size up the facilities. If it is a last minute type thing for you to come, that's OK!, but you might want to bring a seat and maybe a collapsable card table if possible in case we run out (hi hi).

Directions from either north or south:

From any major highway heading towards Portland, connect up to Interstate 295. Take exit 7E from I 295, Franklin Street Arterial, east up over the hill and down until you reach the 6th stoplight at Fore Street. Take a left onto Fore Street and proceed straight thru the next 4-way-stop intersection with India Street. (You are now passing the spot where the pre-revolutionary war Ft. Loyal stood...) Travel about 1/4 mile where you will see signs directing you to the Maine Narrow Gauge Railroad & Museum and even cruder signs directing you to Portland Harborcon. Follow the signs thru the parking lot to the meeting site. We will be meeting in the same facility that houses the Narrow Gauge Train Museum. The Narrow Gauge Train Museum is located down on the waterfront near the Portland Harbor ferry boats (they go to the islands in the harbor). The harbor ferry boats are also located a mile or so north on Commercial Street from the International Ferry Terminal (it goes to Nova Scotia). If you follow these directions to the letter, and find yourself not at the desired spot, but you are in the general area of the Portland waterfront, just ask a local (be carefull that whoever you ask is not from away like yourself) " Where is that museum with the tiny trains?" Hope to see you there.

Other activities in the Greater Portland area that might be of interest:

The Maine Narrow Gauge Railroad & Museum has a collection of antique narrow gauge (2 foot) railroad cars and has train rides on their operating railroad.

The Maine Brewers Festival at the Portland Expo where skads of microbreweries will be displaying/offering their suds.

The Portland Museum of Art is showing a unique 400 foot long mural of "The Grand Moving Panorama of Pilgrim's Progress" which is one of the most popular moving canvases from around 1850.

(sort of a 19th century version of moving pictures)

The Old Port District of Portland has many, many, many, many, many restaurants, bars, microbreweries, and shops where you can find just about everything except QRP stuff.

Hope to see you there for the fun!

W1REX Rex Harper rex@ime.net

Date: Tue, 2 Nov 1999 00:30:15 -0600 (CST)
From: aweiss@usd.edu (Ade Weiss WORSP)
To: qrp-l@lehigh.edu
Subject: [54934] 160 Meters QRP
Message-ID: <199911020630.AAA23124@sunburst.usd.edu>

Hi all:

My Sierra put me back on 160 after a quarter-century of silence! It is a "different" band to say the least. As someone noted, it seems better for QRP than 80m .. don't know why.

The antenna is the key here. I used to operate with a 1900-ft, 1300-ft longwires back in OH. Piece of cake with 500mw d.s.b. of all things! And c.w. Had a 1300-ft longwire up here as well when I lived in the country. I was told by several east coasters that I opened the band from the midwest.

Alas ... since have become a city dweller on a small city lot (55-ft x 175ft). But this is BETTER than the silly tiny corner lot back in 1971! On that tiny plot, I had an 8JK for 20m up around 35-ft, with the elements sloping down in Inverted-Vee fashion, fed with 450-ohm open line. I worked a lot of stations with that on 160m by shorting the open-line, thus converting the system into a top-loaded vertical. I ran about a dozen radials around the lot and down the streets, and when serious during contests, across the streets! Couldn't compare to the longwires, but this permitted me to make contacts consistently.

Here, last year I had an 80-m dipole up around 48-ft fed with 300-ohm twinlead that come off the top of the mast at around a 40-deg angle, then down the side of the house. I didn't put the time into a decent setup, i.e., radials and matching network at the base of the radiator wire. I just shorted out the twinlead in the shack, and brought the ends of the radials thru and window and hooked them to the ground side of the antenna tuner. That meant that the radials and the radiator

were running parallel and very closely spaced for about five feet before getting outside. I ended up with around 12 66-ft radials, a fan of 14 24-ft radials, and a couple of really long ones that went out the alley and turned and ran along the alley for a while. You just lay down as many radials as is possible. I was very surprised at the performance of this make-do system. A lot of casual QSO's (typical of 160) and then the 160 Contest in Feb (?). I worked 46 states including KH6 and KL7 during that!

!

! I definitely was not in control of any frequency, and hardly got any answers to my CQ's. But, I worked most of what I called despite the sometimes dense QRM -- including KU7Y and W3TS! Now, W3TS is an anomaly. When I first heard him running stns -- yes, not searching and pouncing -- but high speed CQ's and exchanges, I was sort of disappointed -- you know, Mike has been a QRP'r from way back. A contest-turncoat? Nope! He was running QRP and banging an S7/8 signal out here which just stayed at that level forever. Just amazing. I gather that he is amazed as well, wondering whether his topography plays an important focusing role. Something is! (Why do I always end up envying the sigs put out by other QRP'rs when most of the time I am happy with a 569?)

At any rate, as others have pointed out, 160 activity is not quite at the level of the other bands. But, if you are relaxed, as is the natural attitude on 160, and prepared to call and listen for 15 minutes, a decent make-shift antenna generally will get you a QSO. Like Ron noted, I kind of doubt that an indoor antenna will cut the ice. But numerous QRP'rs have shorted out the end of the coax to their dipole or whatever and make contacts on 160. Laying down a bunch of radials (no particular size -- many short around the base is better than a few long ones) helps out a lot.

I should be getting my radials out pretty soon. I usually tune around to see what's happening. Is there a QRP calling freq on 160? Hey, it's a small band! Anyone who gets on can go ahead and start calling CQ QRP in the middle of the band below the DX window -- say 1815-1820 -- and if anyone is around, they'll find you!

72, Ade

Date: Tue, 2 Nov 1999 00:33:10 -0600 (CST)
From: aweiss@usd.edu (Ade Weiss WORSP)
To: qrp-l@lehigh.edu
Subject: [54935] HB: RMS voltage detector chip
Message-ID: <199911020633.AAA23672@sunburst.usd.edu>

Do I smell a NJ QRP Club project here? Think about it!

72, Ade

Date: Mon, 1 Nov 1999 22:53:19 -0800
From: "Dave" <kd6kwm@mindspring.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Cc: <ekdave@earthlink.net>
Subject: [54936] Re: KITS: TFR and my better mousetrap...
Message-ID: <008401bf24fe\$fe3d8140\$d1c6aec7@Dave>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all,

Regarding the Oak Hills WM-2 watt meter...

Received at least 16 replies within 18 hours. All had good points. Some didn't think it was such a good idea, others said they have used the WM-2 out in the field. I do thank you for your comments. Helped me look at a bigger picture. I'll probably just short the two meter leads to help dampen the movement as several others had suggested.

Seems that there is some interest in a combo SWR/watt/volt/amp meter that is REAL small, for outdoor use.

However some misunderstood what I was trying to do with this project.

I was hoping for a single box that would hold EVERYTHING I would need for a trip outside to "play radio"(1 hour to 1 week) . I wanted to modify some of the ideas that the Adventure Radio Society had posted on the internet under the title "TFR: Trail Friendly Radios" (See http://www.natworld.com/ars/pages/tfr/tfr_idx.html for some NEAT ideas!!)

My (concept) version would have the following:

- * High - end mono band rig like the Red Hot Radio 20 / 40
- * Built in battery pack 4-5 A range
- * Built in Emtech ZM-2 Tuner (I've got one already & I love it.)
- * Built in TICK 4 keyer

- * Some sort of Iambic paddles
- * Watt meter rated from QRPp to say 7 - 10 Watts max
- * UTC clock (LCD?)
- * Dummy Load?
- * Built in Volt / Amp meter?
- * All controls within easy reach w/ radio box in lap, or on a table.

Intended use(s) would allow for multi situations. Like car camping, backpacking, mountaintopping, & whatever was at hand to do outside. The "box" would allow for different antennas, depending on the activity. Hence the tuner to give me some flexibility. One Box does it all...

(Loud clap of thunder in distance. Sky goes dark, and it starts...raining)

OK now for reality....

One box can't do it all. But half the fun isn't getting a box that will do it all, It's trying to build it. (My "I've got a better mousetrap than the next guy" school of project management!)

Yes I know the Red Hot radio is a power hog....(well for a QRP rig anyway.)

Yes I know It's a lot of "stuff" in a single box for backpacking & mountain topping....

Yes (Insert your statement here as to why it isn't a good idea...)

Yet I want to try to see what I can come up with based on kits available, or plans and ideas from the list & other QRP books.

I could just buy a neat radio like the K2 that does it all right the first time,
(I LIKE the K2 and I'm planning to get one for the home QTH after

GULP!

property taxes are paid up.) But I love to homebrew & tinker also.

This

allows me the chance to learn & to think outside of the box...

So the trip is more important than the destination.

Dave AB0GO wrote:

> Gang,

> The usefulness of a compact SWR/power meter for backpacking has

> occurred to me, as well. A couple of thoughts/questions:

(Stuff deleted)

> 2) It seems like it would be relatively straightforward to adapt a
basic

> SWR bridge circuit (like in Demaw's books) so that it feeds an
amplified

> voltage to a PIC through an A/D (some PICs have A/D built-in) and
let the

> PIC compute SWR. This would be *something like* the KK7B visual SWR

> indicator in "QRP Power". I'd be interested in working on the

digital side

> of such a device if someone wanted to help with the analog side.

(More stuff deleted)

> 73,

> Dave AB0GO

Let me know Dave if you get any leads. I'd like to help.

73 de Dave Willey - KD6KWM

kd6kwm@mindspring.com

Santa Rosa, CA.

Date: Tue, 2 Nov 1999 03:36:08 -0500

From: Bill B Lazure <n2tpa@juno.com>

To: ekdave@earthlink.net

Cc: qrp-l@lehigh.edu

Subject: [54937] Re: Sweepstakes and QRP: hints & tips?

Message-ID: <19991102.033743.7670.6.N2TPA@juno.com>

Gang,

I had a long letter written detailing what to do at what times.
Pretty long-winded. Here's the short version:

-Get on for as long as you can. Work as many as you can. If someone's operating faster than you're comfortable with, listen to his exchange a couple of times before you answer his call, then you'll already know exactly what he's going to send you. If you're not sure of something you received, don't be afraid to ask for a repeat.

-Call CQ as well as S&P. You'll find empty spaces on the upper edges of the bands. Call there.

-No need to try to compete against the "regulars". Set your personal goal and make it.

-Have Fun

72 & GL,

Bill
W2EB

Dave Ek writes:
> Do any of you old hands have hints & tips you'd like to share
>with
>the rest of us...

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 2 Nov 1999 04:29:51 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [54938] N4BP Website
Message-ID: <Pine.3.89.9911020449.B9719-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

My website is finally accessible again. Markus, DL50BZ had problems with his server, but apparently has it fixed for now.

Tonight I uploaded a better picture of the main operating position and added a shot of the K2 second operating position.
For users of NA/CT/TR, I've posted current versions of MASTER.DTA for various contests and updated country.dat files (all October, 99).

73,

Bob Patten, N4BP (0 0) Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Tue, 2 Nov 1999 05:30:04 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-1@lehigh.edu>, "tentec" <tentec@contesting.com>
Subject: [54939] FS: Ten Tec 218 1.8 Khz filter
Message-ID: <0fff01bf251d\$3a96bda0\$b47f5acf@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Model 218 1.8 Khz narrow ssb filter - \$60

please email direct if interested

thanks
Tim
NZ8J

Date: Tue, 2 Nov 1999 03:58:30 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@lehigh.edu>
Subject: [54940] Starkist pop top
Message-ID: <199911021056.DAA01855@srv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Where do you find the starkist tuna with a pop top searched 4 different

stores yesterday and no luck would like to get one as my TT2 should be here shortly 72 Cal KF7ET colcal@srv.net

Date: Mon, 1 Nov 1999 21:12:37 -0500
From: jmarran@juno.com
To: QRP-L@LEHIGH.EDU
Subject: [54941] CUSHCRAFT PC9010N 900MHz ANTENNAE FS
Message-ID: <19991102.060347.-46461.1.JMarran@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I have mentioned this before on a previous posting to the list. I have 8 Cushcraft PC9010N antennae that were in service at a local hospital here in Buffalo, NY. They are in excellent condx, and I am willing to let them go for a song. These are high gain 10 element yagis for use in the 900 MHz band. Serious inquiries only, please.

72/73

John KB2HSH
Support Amsat Phase 3D.....the future of Amateur Radio.

Date: Tue, 2 Nov 1999 06:12:45 -0500
From: "Brian J Keegan" <brimail@home.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [54942] SS and Novice/TechPlus Bands
Message-ID: <004401bf2523\$317e3120\$12960318@vtron1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

If your in Sweepstakes this weekend and you find a lull in the action take a few minutes to tune thru the Novice/Tech bands and work some of the folks up there. Their QSOs are worth the same points and I'm sure they'll appreciate it.

Brian KF2HC
kf2hc@njdx.org

Date: Tue, 2 Nov 1999 08:02:59 -0500
From: "KC1DI" <elbc@pivot.net>
To: <aweiss@usd.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [54943] Re: 160 Meters QRP
Message-ID: <005001bf2532\$97db7e00\$6d10a1d0@mine1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Qrp calling Freq on 160 is 1.810 but I usually have to listen at 1.811
or 1.809 cause my tv puts a birdies right on .810
hope to see you on this winter Ade
73 Dave KC1DI

----- Original Message -----
From: Ade Weiss W0RSP <aweiss@usd.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Tuesday, November 02, 1999 1:30 AM
Subject: 160 Meters QRP

> Hi all:
> My Sierra put me back on 160 after a quarter-century of
> silence! It is a "different" band to say the least. As someone
> noted, it seems better for QRP than 80m .. don't know why.
>
> The antenna is the key here. I used to operate with a 1900-ft,
> 1300-ft longwires back in OH. Piece of cake with 500mw d.s.b. of all
things! And c.w. Had a 1300-ft longwire up here
> as well when I lived in the country. I was told by several east
> coasters that I opened the band from the midwest.
>
> Alas ... since have become a city dweller on a small city lot (55-ft x
175ft). But this is BETTER than the silly
> tiny corner lot back in 1971! On that tiny plot, I had an 8JK
> for 20m up around 35-ft, with the elements sloping down in Inverted-Vee
fashion, fed with 450-ohm open line. I worked a lot of stations with that on
160m by shorting the open-line, thus converting the system into a top-loaded
vertical. I ran about a dozen radials around the lot and down the streets,
and when serious during contests, across the streets! Couldn't compare to

the longwires, but this permitted me to make contacts consistently.

>

> Here, last year I had an 80-m dipole up around 48-ft fed with 300-ohm twinlead that come off the top of the mast at around a 40-deg angle, then down the side of the house. I didn't put the time into a decent setup, i.e., radials and matching network at the base of the radiator wire. I just shorted out the twinlead in the shack, and brought the ends of the radials thru and window and hooked them to the ground side of the antenna tuner. That meant that the radials and the radiator were running parallel and very closely spaced for about five feet before getting outside. I ended up with around 12 66-ft radials, a fan of 14 24-ft radials, and a couple of really long ones that went out the alley and turned and ran along the alley for a while. You just lay down as many radials as is possible. I was very surprised at the performance of this make-do system. A lot of casual QSO's (typical of 160) and then the 160 Contest in Feb (?). I worked 46 states including KH6 and KL7 during that!

> !

> ! I definitely was not in control of any frequency, and hardly got any answers to my CQ's. But, I worked most of what I called despite the sometimes dense

> QRM -- including KU7Y and W3TS! Now, W3TS is an anomaly. When I first heard him running stns -- yes, not searching and pouncing -- but high speed CQ's and exchanges, I was sort of disappointed -- you know, Mike has been a QRP'r from way back. A contest-turncoat? Nope! He was running QRP and banging an S7/8 signal out here which just stayed at that level forever. Just amazing. I gather that he is amazed as well, wondering whether his topography plays an important focusing role. Something is! (Why do I always end up envying the sigs put out by other QRP'rs when most of the time I am happy with a 569?)

>

> At any rate, as others have pointed out, 160 activity is not quite at the level of the other bands. But, if you are relaxed, as is the natural attitude on 160, and prepared to call and listen for 15 minutes, a decent make-shift antenna generally will get you a QSO. Like Ron noted, I kind of doubt that an indoor antenna will cut the ice. But numerous QRP'rs have shorted out the end of the coax to their dipole or whatever and make contacts on 160. Laying down a bunch of radials (no particular size -- many short around the base is better than a few long ones) helps out a lot.

>

> I should be getting my radials out pretty soon. I usually tune around to see what's happening. Is there a QRP calling freq on 160? Hey, it's a small band! Anyone who gets on can go ahead and start calling CQ QRP in the middle of the band below the DX window -- say 1815-1820 -- and if anyone is around, they'll find you!

>

> 72, Ade

>

Date: Tue, 2 Nov 1999 05:30:25 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [54944] Miles Per Watt Records @ KJ5TF Web Site
Message-ID: <19991102133025.14580.rocketmail@web703.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I put up a page listing the miles per watt records
from 160M to 2M. See the link at page bottom.

Some of these records are begging to be broken. I will
make skeds with anyone interested. I'd like to try
160M, 17M, and 12M.

Also have a look around at my Arkasnas island radio
expedition page, my mW WAS log, mW DX log, solar
energy, antennas, N7KSB easy to build mW XMTR, etc.

72/3's & sometimes 71's de Jim KJ5TF

=====
Ham radio/alt energy <http://www.qsl.net/kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Arkansas QRP Club #2

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Tue, 2 Nov 1999 08:18:44 -0600
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
To: qrp-l@Lehigh.EDU, kreinbd@ccgate.dl.nec.com
Subject: [54945] QRP-L troubles
Message-ID: <001D1A25.4159@ccgate.dl.nec.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Gang,

I have not been able to get any QRP-L posts either via e-mail

or through the web site.

Is it just my problem, or is the QRP-L server having problems?
If somebody gets this message, can you send a response to my
address, please?

Many thanks.

73 de Dave, NR3E
QRP-L #25
nr Dallas, TX

Date: Tue, 2 Nov 1999 13:14:34 -0600
From: Clifton W Sikes <ab5uacw@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [54946] FOX: preliminary log, from full of holes AB5UA
Message-ID: <19991102.131435.6742.0.ab5uacw@juno.com>

Whew! What a Hoot! The band was short. Then it was long, but ALWAYS full
of hounds. You just can't imagine what it's like to pull out calls, or
parts of calls.
Here it is, from your not quite ready for DX fame FOX. All mistakes are
my own,
from a scribbled log.

TIME	CALL S	R	QTH	NAME	QRP-L#/PWR
0101	N0PT	559	MO	DAN	1004
0102	NQ7X	559	AZ	FLOYD	343
0104	AF4PS	559	569 FL	MAC	704
0105	N0EA	559	MO	WAYNE	1058
0106	W5SD	559	TX	BILL	1279
0106	K0EVZ	559	589 ND	DOC	861
0108	N4S0	559	AL	KEN	622
0108	N5TW	559	TX	TOM	1474
0110	KK5LD	559	559 TX	DAN	3052
0112	KA5T	559	TX	LARRY	89
0114	K5ZTY	559	559 TX	BILL	473
0116	W5VB0	559	559 AZ	BRIAN	404
0117	N1LN	559	TX	BRUCE	2049
0119	AB8DF	559	559 MI	ED	1444
0120	W0CH	559	MO	DAVE	618
0121	KQ5U	559	TX	TERRY	1603

0123	K5JHP	559	459	TX	BILL	825
0125	K5LN	559		TX	BILL	1794
0127	N0RN	559		CO	BOB	1789
0127	VE5RC	559	559	SK	BRUCE	886
0129	NR3Z	559	579	PA	MARTY	813
0130	W2PFS	559	559	NY	HAL	5W
0132	N9KW	559		IL	JOHN	1257
0132	K5AAR	559	559	OK	DON	1512
0134	AE4Y	559		GA	KENT	1844
0136	W5TFB	559	559	TX	JACK	282
0137	N0EWH	579	579	MO	TIM	2047
0138	K0PC	559		MN	PAT	1964
0139	N4ROA	559	559	VA	DAN	970
0140	K5MZ	559	579	TX	MIKE	2018
0141	K1JD	559		RI	JOHN	1945
0143	AB7MY	559	599	AZ	GARY	571
0144	N0AR	559		MN	SCOTT	1455
0144	K8CV	559		MI	WALT	935
0145	WD4MSM	559	559	IN	BARRY	642
0147	WW7Y	559		UT	STEVE	94
0148	W0JOE	559	559	MO	JOE	1901
0149	AK7Y	559		AZ	GREG	1693
0150	AB7CE	559	599	MT	ROY	1494
0152	KI0G	559	579	CO	BOB	239
0153	WE6W	559	569	CA	ED	1068
0155	K5VUU	559	559	TX	ED	1343
0156	WS4S	559	579	TN	CONARD	993
0157	WB0ROQ	559	559	MO	HARLEY	393
0200	W7ILW	559	559	AZ	HOWARD	2010
0202	NOTU	559		CO	STEVE	911
0203	W4UTI	559	549	AL	KARL	1097
0205	KU4AF	559	559	NC	JOHN	987
0206	KU7Y	559	589	NV	RON	17
0207	KI7MN	559	579	AZ	BOB	271
0208	N0RC	559		CO	ROB	1764
0209	AK7Y	DUPE				
0210	N5LU	559		OK	BILL	2009
0212	AB0G0	559	559	CO	DAVE	785
0212	AE9K	559	599	WI	BRIAN	58
0214	NV4V	559		KY	PETE	1721
0215	AI4CW	559	469	AL	DON	1670
0217	KC1FB	559	559	CT	JIM	29
0218	W8KC	559	589	MI	PAUL	59
0219	AB5XQ	559	559	AR	BILL	2051
0221	NITP	559	579	FL	TOM	1317
0222	N0UR	559	579	MN	JIM	799
0223	WB8RCR	559	449	MI	JOHN	1446
0226	N7RR	559	449	WA	BRUCE	1688

0228	W5HNS	559	569	TX	HENRY	178
0229	WA8GHZ					
559	559	TX	JACK	619		
0230	AK1P	559	559	CA	PAUL	284
0232	KB9IUA	559	559	IL	KEVIN	384
0234	AE2T	559	579	NY	AL	1664
0235	KD5CMN	559	559	TX	MIKE	1328
0237	NW7DX	559	559	WA	BEN	1892
0238	N6WG	559	559	CA	BOB	26
0239	VE7CQK	559	559	BC	PAUL	20
0241	K8DD	559	559	MI	HANK	246
0242	KK5WL	559	559	TX	GARY	330
0243	N3YSI	559	549	PA	PAUL	1835
0245	KF2PH	559	559	NY	NICK	13
0246	AA2PF	559	559	NY	DAVE	306
0248	WD8KQY	559	559	OH	GARY	446
0249	KB4BMK	559	569	FL	JIM	4W
0251	K1VB	559	559	NH	ED	1960
0253	KB9BVN	559	559	IN	BRIAN	1540
0254	KA3WMJ	559	559	PA	KEN	355
0255	AB0CD	559	559	CO	DICK	483
0256	K4NEE	559	579	NC	BILL	3W
0258	N4XDJ	559	559	AL	JAY	1372
0259	K50I	559	559	NM	TIM	73

That's it folks. Sorry I couldn't work you all!

Clif AB5UA
Earlsboro, Ok (east of OKC)

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 2 Nov 1999 06:33:37 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [54947] Arkansas QRP Club & new 40M SSB net
Message-ID: <19991102143337.8509.rocketmail@web701.mail.yahoo.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Our 80M CW net had 12+ check ins last night. And the
40M CW net is also doing great.
Our latest net is exploring the world of SSB QRP!

Thats 7.272.5mHz 14:00Z/8:00AM central.

Have a listen, and maybe join in saturday mornings.
NCS NQ5RP will call the net. Send your call and he
will make a list of check ins. Then Morris will make
his way around to everyone.

Members & non members are all welcome. Membership is
free.

See the Arkansas QRP website, and times/days/freqs for
all our nets at <http://www.qsl.net/nq5rp/>

72/3's de Jim KJ5TF - (Trustee for NQ5RP)

=====

Ham radio/alt energy <http://www.qsl.net/kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Arkansas QRP Club #2

Do You Yahoo!?

Bid and sell for free at <http://auctions.yahoo.com>

Date: Tue, 2 Nov 1999 07:40:37 -0800
From: "David Benson" <nn1g@earthlink.net>
To: <aweiss@usd.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [54948] Re: 160 Meters QRP
Message-ID: <000e01bf255a\$1660f300\$861f1c3f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Ade Weiss WORSP <aweiss@usd.edu>
Subject: 160 Meters QRP

>..... Is there a QRP calling freq on 160? Hey, it's a small band!

Anyone who gets on can go ahead and start calling CQ QRP in the middle of the band below the DX window -- say 1815-1820 --.....>

Ade- a great post, and one which brings back fond memories- thanks! I believe the QRP calling frequency is 1810 khz. FWIW- We used to declare an "activity hour" during the ARCI spring and fall contests to concentrate QRP activity to improve our chances of linking up- much as the VHFers do.

For anyone who hasn't ever operated the ARRL 160M contest, it's *a blast! * The band is absolutely jumping with activity during the contest and you'll have no trouble working stations. With my 'piece o' crap' (tm) antenna I was usually good for about a 900 mile radius. Don't let the lack of a full-sized antenna scare you away from this event- if you can match to your antenna, you'll work people. :-)

73- Dave, NN1G

Date: Tue, 2 Nov 1999 10:15:37 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [54949] Re: 1V Challenge
Message-ID: <199911021456.JAA24760@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I don't know....building a transceiver that runs on one D cell is going to be a true challenge! 3V would have been a LOT easier. In fact, thanks to Walkmans and cell phones, there are a lot IC's available now that will run with as little as 2.5 volts, mostly digital parts, but also some op amps. 2.5 volts seems to be the limit for current technology. The only IC's I know of that will work down to 1V are those designed to boost that voltage up to a more workable one.

Well, we'll at least do a few experiments before saying it's impossible:-)

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Tue, 2 Nov 1999 08:47:43 -0700
From: jaywa5whn@juno.com
To: qrp-1@lehigh.edu
Cc: sparks@zianet.com, ab5vc@juno.com
Subject: [54950] Socorro, NM Hamfest Nov. 13
Message-ID: <19991102.084746.-1001843.0.jaywa5whn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

One of the last SW USA hamfests for this year.

<http://www.ees.nmt.edu/sara/hamfest.html>

email Al (AC5BX) at ac5bx@juno.com for further info about the 1999 NMT/SARA Hamfest in Socorro.

SW Repeater Maps & HF nets info.

<http://www.flash.net/~n5ujj/hamstuff/>

<http://www.swcp.com/~n5zgt/>

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 2 Nov 1999 11:07:30 -0500 (EST)
From: Chris Cartwright Sr <ccart@phideaux.com>
To: Jim Hale <kj5tf@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [54951] OPERATING: Re: Miles Per Watt Records @ KJ5TF Web Site

Message-ID: <Pine.LNX.4.04.9911021013280.13580-1000000@dns.phideaux.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 2 Nov 1999, Jim Hale wrote:

> Some of these records are begging to be broken. I will
> make skeds with anyone interested. I'd like to try 160M, 17M, and 12M.

Especially the 12M one! 4889 miles with two watts? We *gotta* be able to do better than that:) I got tired of chasing the fox last night and went up to 12 for a look around, not much doing at 0200Z. But I worked a lot of Europe with 5W from the mobile this morning, EU6, G3, VP5... It was a lot busier than I expected up there.

72

-- Chris Cartwright, Technical Engineer | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Tue, 02 Nov 1999 16:14:54 +0000
From: "David Hurley,n2zhy" <n2zhy@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [54952] ANT: Uncle Buck fishing poles as Antenna supports
Message-ID: <381F0DFE.7EA2ED09@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A week or so ago, someone posted a message about getting an Uncle Buck, 20ft crappie fishing pole(not quality but the species of fish)from their local fishing store. As I remember, they were happy with the pole.

I just ordered a couple of the poles from Bass Pro, on sale, for \$15.88. Don't know how long the sale period last. I figured at that price they could be crappie (quality not the species of fish)but last through enough outings to make it worth while.

Bass Pro
<http://www.basspro.com/>
1-800-227-7776

I will post impressions when they come in 7 to 10 days.

David Hurley,n2zhy
Princeton,NJ

Date: Tue, 2 Nov 1999 10:26:13 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: "J. Medley" <jmedley@ix.netcom.com>
Cc: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Subject: [54953] Re: ZOMBIE: I saw Elvis!
Message-ID: <Pine.LNX.3.95.991102101505.22289A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well even though I couldn't spend the the full time in the Shuffle, the
time I did spend was FUN!....all my contacts were on 20 mtrs as 40 mtrs
had such QRN that it was distorting the few calls I heard on there...I
haven't heard such static crashes like that for many years...

The Zombie Shuffle Log of VE5QRP - 5 watts - "Elvis"

- TIME(Z) -	CALL	-	FREQ	- S -	R -	Section	Name -
0118	VE3VAW		14.062	559	- 579	ON	Elvis
0124	N1FN		14.061	559	- 559	CO	ET
0138	N4ROA		14.058	559	- 579	VA	Elvis
0147	W5VBO		14.058	559	- 599	AZ	Brian
0247	KU7Y		14.061	559	- 559	NV	Elvis
0326	W6ZH		14.062	559	- 569	CA	Pete
0359	AL7Y		14.062	559	- 569	AK	Jim

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

Date: Tue, 2 Nov 1999 08:34:28 -0800
From: Dave Barrett <DBarrett@creo.com>
To: "'kd1jv@moose.ncia.net'" <kd1jv@moose.ncia.net>, Low Power Amateur Radio
Discussion <qrp-l@Lehigh.EDU>

Subject: [54954] RE: 1V Challenge
Message-ID: <BFEFC3386986D2119C0800A0C99B5DE6E96930@msgcreo3.creo.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

The only practical way one can see would be to use a small DC to DC inverter to boost yer voltage a tad to useable levels....typically the cell phone industry has driven the I/C industry to provide circuitry that'll work with 3.3volts or thereabouts...

Good Luck Dave VE7PCC Vancouver BC

Canada

-----Original Message-----

From: Steven Weber [mailto:kd1jv@moose.ncia.net]
Sent: Tuesday, 02 November, 1999 2:16 AM
To: Low Power Amateur Radio Discussion
Subject: Re: 1V Challenge

I don't know....building a transceiver that runs on one D cell is going to be a true challenge! 3V would have been a LOT easier. In fact, thanks to Walkmans and cell phones, there are a lot IC's available now that will run with as little as 2.5 volts, mostly digital parts, but also some op amps. 2.5 volts seems to be the limit for current technology. The only IC's I know of that will work down to 1V are those designed to boost that voltage up to a more workable one.

Well, we'll at least do a few experiments before saying it's impossible:-)

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Tue, 2 Nov 1999 12:02:11 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [54955] 1 V Challenge
Message-ID: <199911021642.LAA19935@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Well, I'll be. Blow me down and dip me in flux !

Just dead bugged an xtal osc for 3.58795 Mhz running at 1.5 volts and it works! And thanks to a clever (pat pend) way of driving an amplifier stage with a 4:1 transformer on the output, I'm getting 3 volts p-p into a 50 ohm output load. That's 20 mw! Now that's more than enough to drive a DBDM and enough to be considered a transmitter.

I'm thinking direct conversion Rx to K.I.S.S..

BTW, I started with a transistor out of an old cordless phone. I figure these were designed to work at about 3.5 volts, so the transistors must have been selected to work at low voltages and may be better than the usual 2N2222's or 2N3904's.

So, this just might be possible after all....Hummm, maybe when it's all done it will work on Lemon power, or is that a new contest by it's self? :-)

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Tue, 02 Nov 1999 09:19:55 PST
From: "Leon Heller" <leon_heller@hotmail.com>
To: kd1jv@moose.ncia.net, qrp-l@Lehigh.EDU
Subject: [54956] Re: 1V Challenge
Message-ID: <19991102171956.14015.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>

>I don't know....building a transceiver that runs on one D cell is
>going to be a true challenge! 3V would have been a LOT easier. In
>fact, thanks to Walkmans and cell phones, there are a lot IC's
>available now that will run with as little as 2.5 volts, mostly
>digital parts, but also some op amps. 2.5 volts seems to be the limit
>for current technology. The only IC's I know of that will work down
>to 1V are those designed to boost that voltage up to a more workable
>one.

>

>Well, we'll at least do a few experiments before saying it's
>impossible:-)

I've been playing with some Mot. op amps - the MC33201/2/4 - which are designed to work down to 1.8 V, single supply, with rail-to-rail operation on both input and output.

73, Leon

Leon Heller, G1HSM
Tel (work): +44 1327 357824
Tel (mobile): +44 79 9098 1221
Email:leon_heller@hotmail.com
Web page: <http://www.geocities.com/SiliconValley/Code/1835>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 02 Nov 1999 11:19:50 -0600
From: Ron Keener <rkeener@realtime.net>
To: qrp-1@Lehigh.EDU
Subject: [54957] QRP-L vs QRP-F
Message-ID: <381F1D36.56A0@realtime.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am not one to voice my opinion often but this situation to put it bluntly

REALLY SUCKS!!

here is my data - I receive over 500 emails per day from the various groups I belong to - it takes an average of 3 seconds to download each email ONLINE WHEN DONE IN A BULK DOWNLOAD - it takes 5 seconds to scan the topic, the sender, and the first sentence OFFLINE - if the message does not have my attention in less than 10 seconds I have deleted it!

there were many topics on qrp-1 that I was not interested in but I was very interested in the little tidbits of information that appeared all the time - I felt it was a fair trade off to spend 10 seconds discarding those things I was not interested in to get to those I was interested in

with the new format I must scan each message ONLINE and must wait for

EACH message to download after I click on it - this is a total waste of my time and money - you will not see me going to qrp-f again

if qrp-l deteriorates much more I will probably drop it also and try to get the tidbit information from other groups

guys in control - YOU REALLY SCREWED UP ON THIS ONE!!!!!!!!!!!!

--

ron keener near Austin, Texas <http://MidAmericaBreedingTech.com>

* MidAmerica Breeding Technology

* Using Technology to Enhance Your Breeding Program

*

* chat at <http://forums.delphi.com/m/main.asp?sigdir=eamproducts>

*

* ID-1 natural colostrum based immune system stimulant

* available as liquid or powder <http://www.colostrum.com>

*

* Ovatec electronic heat cycle detection

* BirthAlert beeps you at foaling time

* SureFeed stops those wasteful feed slingers

* <http://www.eamproducts.com>

*

* AlertoMast electronically detects mastitis in 2 seconds

* MiniMill portable minihorse exercise treadmill

*

* Little Big Man Exotics

* miniature longhaired Tennessee Woodenleg (fainting) goats

* and Great Pyrenees guardian dogs

*

* home of Zeigy - AnheuserBusch ZeigenBock beer mascot goat

* <http://www.hopnotes.com>

*

* Amateur radio station WA0REE

*

* proud owner of classic 1978 GMC Birchaven motorhome

Date: Tue, 2 Nov 1999 11:28:50 -0600

From: Karl Kanalz <KKanalz@excel.com>

To: DBarrett@creo.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [54958] RE: 1V Challenge

Message-ID: <2D343922E283D211945C0008C7A41B2ACEB5E8@ADNTEX01>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

If the base-to-emitter conduction point is at 0.6 or 0.7 vdc, why couldn't you get a transistor to provide at least *some* amplification? If you can get even a wisp of gain, you can make an oscillator...

It sure is a challenge!

Karl K - W8TIF
McKinney

-----Original Message-----

From: Dave Barrett [SMTP:DBarrett@creo.com]
Sent: Tuesday, November 02, 1999 10:34 AM
To: Low Power Amateur Radio Discussion
Subject: RE: 1V Challenge

The only practical way one can see would be to use a small DC to DC inverter to boost yer voltage a tad to useable levels....typically the cell phone industry has driven the I/C industry to provide circuitry that'll work with 3.3volts or thereabouts...

Good Luck Dave VE7PCC Vancouver BC

Canada

-----Original Message-----

From: Steven Weber [mailto:kd1jv@moose.ncia.net]
Sent: Tuesday, 02 November, 1999 2:16 AM
To: Low Power Amateur Radio Discussion
Subject: Re: 1V Challenge

I don't know....building a transceiver that runs on one D cell is going to be a true challenge! 3V would have been a LOT easier. In fact, thanks to Walkmans and cell phones, there are a lot IC's available now that will run with as little as 2.5 volts, mostly digital parts, but also some op amps. 2.5 volts seems to be the limit for current technology. The only IC's I know of that will work down to 1V are those designed to boost that voltage up to a more workable one.

Well, we'll at least do a few experiments before saying it's impossible:-)

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Tue, 2 Nov 1999 11:48:08 -0500
From: "Ronald Hands" <rhands@hwcnc.org>
To: <dhoward@sympatico.ca>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [54959] Re: Sale MFJ Tunable DSP filter Model MFJ 784B
Message-ID: <011d01bf2557\$50739dc0\$c55ed4c7@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Let me add to the endorsements below. The 784b is the best
accessory in my shack.

I use it with a Scout and a Corsair II. It completely smoothes
out the fuzzy sidetone of the Corsair (but I still have to use the
RF gain control judiciously). The selectivity, audio AGC, noise
reduction, heterodyne suppression, etc., are just icing on the cake!

-- Ron VE3SP
Hamilton, ON

D Howard <dhoward@sympatico.ca>wrote:

> Great device!!!
> I bought one at the ham feast two weeks ago and am amazed at how
well it
> pulls sigs out of the noise and QRM
> Recommend it highly
>
> 73 Dan
> VA3MA@RAC.CA
>
> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On
Behalf Of
> Bruce
> Sent: Monday, November 01, 1999 11:46 AM
> To: Low Power Amateur Radio Discussion
> Subject: Sale MFJ Tunable DSP filter Model MFJ 784B
>
> This unit REALLY helps the noise reduction and selectivity on

small QRP
> units or even factory built units.
>
> Good as brand new and perfect. Used very little. Original box and
manuals.
> Rig has full DSP don't use and it is just collecting dust. \$170.
I will
> ship.
>
> Bruce WB4WZL
>

Date: Tue, 2 Nov 1999 12:29:24 -0500
From: "Ed Tanton" <n4xy@att.net>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [54960] FW: QRP-L vs QRP-F
Message-ID: <NBBBJDEEIFDDANGEGHLBOEPNHIAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I first sent this privately-but in thinking about it, decided posting it is
the only way to let Chuck-and everybody else-know. Perhaps Ron and I are not
alone in these thoughts.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

-----Original Message-----

From: Ed Tanton [mailto:n4xy@att.net]
Sent: Tuesday, November 02, 1999 12:26 PM
To: rkeener@realtime.net
Subject: RE: QRP-L vs QRP-F

My feelings EXACTLY Ron... in fact, I unsubbed for about a week-then decided
to take a wait and see. Mostly hoping Chuck will see the errors in this
idea. I am in exactly the same boat, email-qty-wise, and do it the same way
you do... for the same reasons. I hate to see a pretty good idea ruined.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

Date: Tue, 02 Nov 1999 12:52:28 -0400
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
To: qrp-l@Lehigh.EDU
Subject: [54961] 1 volt challenge idea
Message-ID: <v03110700b444c5ebb9c6@[132.235.81.85]>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

Hi all,

Just in passing... the smoky haze is clearing... I remember using germanium transistors with some low voltage stuff... it was amazing the low voltage that you could use to get a circuit going, less than a volt I'm sure.

How-so-some-ever... I don't know if any of the germaniums are still available and I don't think the frequency range was real high. Although I thought that there were some used for FM receivers in the RF section.

Well the smokey haze has returned...back to melting solder here at work!

72 all de NS80

Date: Tue, 2 Nov 1999 13:09:45 -0500
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: rkeener@realtime.net
Cc: qrp-l@lehigh.edu
Subject: [54962] Re: QRP-L vs QRP-F
Message-ID: <v03102804b444d51acf23@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

After having tried qrp-f, I must say it reminds me of the old Fido-Net or of a rec.whatever.whatever. Frankly, it's not for me. Personally I don't need unwanted attachments coming onto my computer via HTML or email and I'm thankful Chuck keeps that off of qrp-l. I use eBay myself but one of my pet peeves is folks who shill their auction items on news lists. I won't miss this at all.

I'm glad all the b****ers, p****ers, moaners and flammers have a place to call their own. I was gonna scream if one more flame war erupted regarding the wording of a post. "You didn't read what I wrote". "No, you didn't read what I wrote". Ad infinitum, ad nauseum, ad HTML with jpg attached.

Change comes to everything these days. The farms in my county I remember as a child now sprout housing developments. Older homes in the city are being torn down and the large lots subdivided for multiple homes. Things just don't stay the same.

The splitting of qrp-1 into two parts is like pruning a grape vine. At first they look awful, but later new growth takes over in order to produce the next crop. I have an idea qrp-1 will sprout new growth. It's up to us as to whether it dies or not.

Let's not dwell on what many perceive as the death of qrp-1. Let's look at it as pruning the vine and help bring along the next crop.

72,

Rick kf4ar

Date: Tue, 2 Nov 1999 13:22:15 -0500
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: k7qo@primenet.com
Cc: qrp-1@lehigh.edu
Subject: [54963] Re: ELMER100: Toroid Experiment
Message-ID: <v03102805b444da680ec7@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Chuck and others,

> You might want to use the K5F0 test fixture written up in QQ

Does anyone remember which issue of QQ the test fixture is in? I know I have the issue and read the article but haven't been able to locate the issue.

I mixed up a small bag of 61s and 43s last year and this is the inspiration to sort them out while I learn something.

72,

Rick kf4ar

Date: Tue, 2 Nov 1999 10:27:13 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [54964] 12M mW DX
Message-ID: <19991102182713.6986.rocketmail@web704.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Just got SP7HT today at 17:06z on 24.9mHz. He was
CQing and I got lucky at 300mW. We did the libmo and
he gave me a 579 at 150mW.
Then at 17:54z wrked PA3FQA with 350mW.

The Miles per watt on SP7HT is around 34,986. My
position is 35 56n 93 28w. And sp7 is 50.833n and
20.666e for roughly 5248 miles.

I havnt done the PA3 yet.
This is FUN folks!! Jim KJ5TF
ps - see my mW DX log at my website

=====
Ham radio/alt energy <http://www.qsl.net/kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Arkansas QRP Club #2

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Tue, 2 Nov 1999 10:34:00 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [54965] Re: QRP-L vs QRP-F
Message-ID: <Pine.GS0.4.10.9911020924440.15777-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

I think more people should read all the posts on a subject before forming opinions!

The BIG CHANGE lasted for about a day.

Chuck got so much negative email for trying to fix a few problems that he just quit and turned it over to Jim.

As far as I understand, QRP-L is just like it has always been, open for anything QRP.

I also don't care for the WEB based "fourm". Way too slow and no way to filter or sort.

So just continue to enjoy QRP-L the way you always have. If Jim sees any need for change I'm sure he will let us all know.

And if he does, I would hope that people would give him a better chance at trying to fix whatever the problems are than Chuck was given!

Let me just say a couple of other things and this will be all I say about the issue:

People have said there was not a problem. But that is a view from the "outside" looking in. I did not get the messages in my mail box that Chuck got in his so I must defer to his judgment as to there being a problem or not.

My words to him were that I didn't like the idea of a fourm but that I'd would give it a honest try.

Who knows where the fine tuning would have wound up. I'll bet that it would have become something even better than it is now.

But we will never know because too many people were too fast to comdem any change and to read into it all kinds of sinister plans!

Many people still don't seem to like using meaningfull subject lines. Others seem to think it's fun to leave us all guessing as to who they are. Maybe we are supposed to answer those posts by starting with "Hey You"!

Others seem to feel that no one should know what their

call sign is. Makes me wonder what they are going to do that they don't want their call known! :-)

And then there are the folks that don't want people to know what part of the country they are in!

Don't we all just LOVE the posts about... So and so is BOOMING in here...go work him.

No time, no location, not even a band! :-)

I see the above things as just issues of common courtesy. But maybe the world just doesn't go by that any longer!

The real loss is that by so many people being so fast to condemn any change that we all lost Chuck.

I, for one, hope that he returns to posting.

OK, that's all from me on this subject.

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....

Date: Tue, 02 Nov 1999 12:42:48 -0600
From: Lee Bahr <bahr521@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [54966] QRP-L, QRP-F
Message-ID: <381F30A8.B06966B@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Maybe we should all ask ourselves, "why did we let this happen to ourselves, and what SHOULD we have done to prevent this sort of thing from happening"?

"What could we do now to insure it won't happen again"? Just maybe, another QRP group could start a NEW list like the OLD list and see what happens. Maybe we could pay a nominal fee to help with expenses. At least, then, we would have something to say about the list, we choose to use. I'm amazed at how little info has been given to the group from the

CONTROLLERS. Before all this happened, I saw nothing from anybody complaining on how the system worked. So why change? I ask myself, why? I ask, will the CONTROLLERS come to their senses? I don't know, I don't know what is going through their heads. Is there a possibility they may change their minds? I don't know, I don't know what is driving all this change very few people want. Or, am I wrong? I know one thing however, I don't like what is going on here, to the LIST.

Don't get me wrong, I think the CONTROLLERS of the old list are good guys, mean well, and have their reasons for change. But they have not shared them with us and we have wants, wishes, needs, and desires too! I am not putting them down. I think the service provided by them up to now have been one of the great wonders of the world. Their list have served the qrp community very well. But, what about the future? Can we do better on our own, or should we shut up and say what they provide us is the best we can expect for ourselves?

I like some others, will not try QRP-F again, it is too time consuming to use that type of format. NorCal always says, no rules, just do it. Well is there anybody out there with connections and knowledge on putting a new list together? We could call it a NorCal list! Why don't WE do it?

I realize my statements may rile some, but, at this point, I really don't care. Personally, the LIST has riled me with the changes with no input from the readers of the list. Maybe, just maybe, this will inspire a new NIGHTS OF THE ROUNDTABLE GROUP. A list that learned a lesson from the mistake of the old list.

One last thought, don't the Brit's have a G-qrp-l LIST? If they do not change their format, maybe we could support them. I'm not sure how much of a burden it would be on them financially as I believe telephone rates over there are high. Would our joining their group put an extra usage fee on their system and burden their members with additional cost? I don't know. Maybe we could hear from them on this.

Those are my thoughts. I have put on my flack jacket, helmet, and am ready for INCOMING!

Lee Bahr w0vt Houston

Date: Tue, 2 Nov 1999 10:49:49 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-l@Lehigh.EDU>
Subject: [54967] CONTESTS: SS next weekend
Message-ID: <Pine.GSO.4.10.9911021034530.15777-100000@rotor.dri.edu>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Don't forget that this weekend is the ARRL SS CW contest. This is a fantastic time to work all those states you need for WAS!

It is also a great place to put some of the lessons you have learned Fox hunting into practice.

The big key mental factor is to THINK LOUD. Believe that the station you are calling can and will hear you.

As a rule, the higher in the band you go, the more slower stations you will find. So if the folks in the bottom part of the band are too fast, listen up higher.

If you have a computer in the shack, I'd suggest that you use it to key your rig and keep the log. Most people don't like having to deal with paper logs after a contest! To me, this is the very best part about a computer. I can still read the log the next day! And it scores it, dupes it and etc! It will even help the people who have to score them because you just email you data and into the big computer it goes!

All contacts are now checked. Part of the fun is in getting things right! So if you think some folks are really making a lot of errors when they copy the exchanges rest assured that all qso's with errors will be removed! So accuracy is what you are looking for!

Try to find a "hole" and call CQ. When calling CQ I like to throw in a /QRP now and then. My little mind thinks that this might help another QRPer understand why I'm not 20 over 9 and call me! (But please, don't send /QRP to the "big" stations who are running fast rates!)

Feel free to send /QRP to me! I love to know when I work another QRPer. And after hours of CW and static I'm lucky just to copy a call, let alone remember anyone! :-)

I hope to see everyone on during SS.

Besides that, I need all the QSO's I can get in order to whip that pesky fellow down on some mountain top in AZ that is just bristling with Force 12 antennas up on 200' towers. I need for him to be my dinner.....(again!) Wheeeeeeeee!

And SEND IN YOUR LOG. Like Ed said earlier, that really helps show the ARRL how popular QRP is becoming. And don't forget the pins!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....

Date: Tue, 2 Nov 1999 13:53:52 -0500
From: "Hartwell, Martin E (Marty)" <mhartwell@lucent.com>
To: qrp-l@lehigh.edu
Subject: [54968] Some thoughts
Message-ID: <76B2C11F0337D3118A670008C7F9DBC7013C5CE8@OH0012EXCH002U>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Hello All

I have been trying to catch up on my email reading. I have noticed a topic concerning the new forum and have it in my favorites already. I will take some time to read that maybe this weekend.

Is there anyone here going to the Michigan QRP club meeting this Saturday November 6th. I would like to exchange some email messages, concerning how to get there. I will be going up maybe Friday night so I can be there early in the morning and not have to leave Columbus so early to make it in time. See my email address in the signature below if you can help.

I also ordered the toroid kit, it came and I am already seeing uses for some of those little donuts. I ordered and received a ZM2 tuner, boy do I like that. Concerning the discussion on backpack SWR meters. I wonder why not use this or make a smaller one to use for backpacking. Do you really need to know what the SWR on the transmission line is, I would think knowing the tuner has taken care of the SWR by means of the ZM2 indicator would be all that is needed. I am thinking of using a spare MFJ tuner I have here, and rewire it to make a Z match capable of handling about 100 watts max. I think the MFJ units are rated at 300 watts but I doubt it myself.

If someone is interested in one of the older Dave Benson 30 meter

transceivers of a couple of years ago I think I may sell mine. It has a built in Curtis keyer also. I am not sure which model keyer it is but if someone is interested I will look and let you know. I think I paid 75 dollars for this with the keyer in it, so that is what I would sell it for plus shipping and it doesn't weigh much and isn't big. Let me know.

I also have a spare receiver. This is a unit built by Lowe and is their bottom line unit. No memories unless you consider the fact that it remembers what frequency you last had on the digital read out when you turn power back on. It isn't a bad little unit for short wave listening. I expect you could use it with something like the Tuna Tin 2 very nicely. I paid \$200.00 for it and will let it go for \$150.00. It does come with a separate power supply also. I may take it with me to the M-QRP meeting if someone that attends wants to see it. Again send email to address in sig. below.

I have been seeing the ads for the new Ten Tec rig. Has anyone tried one out yet. It is interesting.

I did see my first K2 at the last Columbus QRP club meeting. Nice looking rig.

Well that is it for now. I don't post a lot to the reflector but some times I like to let people know what is going on here.

Talk to you all later. Look at my new signature, still under construction.

Martin (Marty) Hartwell

KD8BJ

MI-QRP club M-1395 - CQRP club
QRP-L 199
And some other organizations
139 Spring Park Pl. Gahanna, OH 43230

Email: chartwell@worldnet.att.net

Date: Tue, 02 Nov 1999 11:55:20 -0700
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [54969] HB: 1V Challenge
Message-ID: <381F3397.B426ADB0@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A few thoughts on the 1V challenge:

For almost a year I have been trying to put together a 1 Transistor challenge for my local club. The idea was to design and/or build any 1 transistor circuit. IC's were not permitted, but diodes and all passive components were.

I was sure this was a great idea. Fellow hams were encouraged to find a young person to work on the project with them. Extra points would be given to anyone who worked with a young boy or girl on the project. The idea was to encourage elmering as well as hands on design and construction.

I distributed several tested circuits and some untested ideas to stimulate participation. An unbuilt NC-20 kit was offered as a prize. I passed around gadgets, handed out schematics, gave away parts, etc.

I have been very surprised at the lack of enthusiasm shown by fellow hams. Some used inexperience as an excuse, even though a nice set of beginner's prizes were to be awarded. Only a few seemed willing to find a young person to elmer. The club itself seemed reluctant to spend any money to promote the contest. This is a very active club, but for some reason the enthusiasm just wasn't there.

I believe the lack of support and enthusiasm was due to several reasons:

1. A 1 Transistor contest was too limiting. I believe more would have been willing if the challenge would have allowed more active components. This would have been LESS challenging to some, but many more practical circuits would be allowed. Sometimes, we make our contests so difficult that only the smartest and brightest can participate. This, I think, is the major flaw in the 1V Challenge. Loosen up the rules a bit and more people will participate. That means more of our fellow hams will be building and learning. It seems to me that this should be the major goal of any contest or challenge.

2. Many hams believe that young people today do not want to do anything but play video games and watch television. Finding a willing youngster would just be too difficult. I have found this reasoning faulty. Kids today have more to distract them, but if you can get their attention, they will work on radios. For example, EVERY youngster who saw the ElmerRadio wanted to build one. I could have easily supplied the entire club with willing youngsters from my neighborhood alone.

3. Some may have felt that encouraging a youngster's participation would slow them down. Perhaps, but you probably annoyed your Elmer at times when you were learning, too. I think every contest should make the appropriate concessions

necessary to encourage beginners' participation.

And, so, I propose a few simple changes to the rules for the 1V Challenge.

1. Make it a 3V challenge.
2. Allow ICs to be used.
3. Give bonus points to those who work with a beginner (young or old or in between).

I should add that there was a major exception to the lack of enthusiasm shown by most amateurs. School teachers were quick to see the contest as an educational opportunity. This is really what led to the ElmeRadio project. I was trying to come up with a project that could be used to get adults and kids involved in a learning experience. The rules of the 1 Transistor Challenge were eventually "bent" just enough to allow the use of the TL431 shunt regulator as an amplifier. Over a dozen school teachers have made serious inquiries about the ElmeRadio kit--most of them are not amateur radio operators.

Sorry, for this lengthy post. I feel pretty strongly about wider participation in building contests. The future of ham radio depends on how well we teach and encourage youngsters about radio.

Bruce kk7zz

Date: Tue, 02 Nov 1999 11:13:27 -0800
From: Jim <w7ls@blarg.net>
To: qrp-l@lehigh.edu
Subject: [54970] 1v: been done, already!
Message-ID: <381F37D7.3A8EA2FA@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. A few years back, a lady from the University of Washington (I hail from there, btw) dept. of Forestry came to our ham club and described her work with bats in the area. They were tracking bats to see where they went and what they did. In order to do that, they needed a really tiny transmitter. There are, or were, two companies that provided them, commercially. They were built on the side of a HC-18 crystal can, with a single 1.5 volt hearing aid battery on the other. There was no case, but

they were epoxy encapsulated. The power on/off switch was two wires that stuck out the side and when you wanted to turn it on, you tacked a little solder blob on them. Ran for a few days, as I recall. Weighed under a gram, if not mistaken. Anyway, a little bitty pregnant bat could haul them around. Antenna was a 2 or 3 inch wire. Affixed with glue to the bat. Fell off, after a while.

BTW, the transmitter was a pulsed oscillator, on roughly 2 meters.
Jim W7LS

Now how about any responses to this, include the word 'bats' in the subject, so people can filter it out, if desired?

Date: Tue, 02 Nov 1999 11:15:57 -0800
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [54971] ARKANSAS Millennium Challenge.
Message-ID: <381F386D.7514@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good day gang. I'm getting really close! With the 43 QSO's in the spartan sprint after nabbing the fox, and one 3:30 AM Pacific time ragchew for an hour with Doc/K0EVZ in the early morning, I get 45 more to add to my 1890 Y2K QSO's. Now I'm at 1935 and only 65 QSO's to go before reaching the 2000 Goal! Piece of cake for sure. I've got all these logs and "I" know I have 1935 qso's, perhaps a few extra, but they are split between 3 different log books! The old station log, the new station log, and my bicycle station log! I ain't gonna try to organize these and send them in. I know what I did, I know what it took, and I have had fun. That's the reward.

Also, it took all of "YOU" operating on the air so that I could make it this far. Thanks a bunch.

Viva QRP! 72/Ed we6w

--
-72/Ed WE6W; AR Millennium Q's=> 1935/2000 A-1 OP
<http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Tue, 02 Nov 1999 12:23:48 -0700
From: Niel Skousen <skousen@srv.net>
To: w7ls@blarg.net, qrp-1@lehigh.edu
Subject: [54972] Re: 1v: been done, already!
Message-ID: <4.2.0.58.19991102122248.00b6ad50@if.sciencetech.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At least one of the companies that do this is Telonics in Mesa Arizona. They've done some really interesting RF work over the years...

Niel

At 11:13 AM 11/2/99 -0800, you wrote:

>Hi. A few years back, a lady from the University of Washington (I hail
>from there, btw) dept. of Forestry came to our ham club and described
>her work with bats in the area. They were tracking bats to see where
>they went and what they did. In order to do that, they needed a really
>tiny transmitter. There are, or were, two companies that provided them,
>commercially. They were built on the side of a HC-18 crystal can, with a
>single 1.5 volt hearing aid battery on the other. There was no case, but
>they were epoxy encapsulated. The power on/off switch was two wires that
>stuck out the side and when you wanted to turn it on, you tacked a
>little solder blob on them. Ran for a few days, as I recall. Weighed
>under a gram, if not mistaken. Anyway, a little bitty pregnant bat could
>haul them around. Antenna was a 2 or 3 inch wire. Affixed with glue to
>the bat. Fell off, after a while.

> BTW, the transmitter was a pulsed oscillator, on roughly 2 meters.

>Jim W7LS

>

> Now how about any responses to this, include the word 'bats' in the
>subject, so people can filter it out, if desired?

Date: Tue, 2 Nov 1999 19:48:39 -0000
From: "Tony Fishpool" <g4wif@btinternet.com>
To: <bahr521@earthlink.net>, "QRP-1" <qrp-1@lehigh.edu>
Subject: [54973] Re: QRP-L, QRP-F
Message-ID: <005001bf256b\$446d37c0\$4917063e@p75>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Lee Bahr wrote:-

> One last thought, don't the Brit's have a G-qrp-l LIST? If they do not
> change their format, maybe we could support them.
.... and as moderator of that list I can say that it is open to all - always
has been. I don't however see GQRP-L as an appropriate place to post all
those activities that are so central to the US. So I would not allow stuff
like foxhunts and so forth to be posted.

We had the format right. GQRP-L for European centric stuff, NJQRP-L for New
Jersey stuff and QRP-L as an umbrella list that covered a broader spectrum.

I intend no criticism of Chuck - I realise how busy he must have been with the
home move, but lists need moderating within a previously defined set of
rules, and they need moderating immediately. It is my hope that QRP-L will
survive being a fairly open format platform but with someone able to devote
enough time to stop things like Pacificon Compendium flamewars in their
tracks.

Kind regards
Tony - G4WIF

Date: Tue, 2 Nov 1999 14:30:02 -0500
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-l@lehigh.edu
Subject: [54974] ANT: 1/4 wavelength Marconi feeder
Message-ID: <v03102800b444e46b69fc@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've been experimenting with a 13' collapsible whip that I have for use as
a portable antenna. My current configuration is a 1/4 wavelength Marconi
or inverted-L. Coming off the top of 13' section I have a 3 conductor
ribbon cable 20' long for a 1/4 wave at 40, with the other 2 conductors cut
for a 1/4 wave on 30 and 20. I use 2 St. Louis style radials made from 7
conductor ribbon cable for 40 - 10 meters. Above 20 the whip is shortened
for a 1/4 wavelength vertical.

So far I've had good results but would like to improve them. I recently
picked up a copy of "Practical Wire Antennas" by John Heys, G3BDQ. In it
Heys states that the base feed impedance at resonance of a 1/4 wave length
Marconi is around 36 ohms. He suggests feeding the antenna with parallel
runs of 75 ohm coax.

I've thought about using the mini-75 ohm coax similar to RG-174 but the
price is staggering. The Belden mini-75 is over \$1.25 per foot. Does

anyone have any lower cost suggestions or a cheaper/lighter weight alternative?

Thanks and 72,

Rick kf4ar

Date: Tue, 02 Nov 1999 13:26:38 -0600
From: "Ed Manuel (N5EM)" <n5em@flash.net>
To: qrp-l@lehigh.edu
Subject: [54975] WTB: ZM-2 - Quickly
Message-ID: <4.1.19991102132349.009a1150@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I want to buy an assembled, working ZM-2. I want it for a trip I'm taking Friday night! So, if you have one you would be willing to sell and would consider shipping as soon as we make a deal (MO mailed the same day) please drop me a note. I'd need it shipped by 2 day delivery of some sort.

Ed Manuel, N5EM
Houston QRP Club
n5em@flash.net

Date: Tue, 02 Nov 1999 14:36:02 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@Lehigh.EDU>
Subject: [54976] Re: QRP-L vs QRP-F
Message-ID: <3.0.32.19991102143558.007546e0@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:34 AM 11/2/99 -0800, you wrote:

>Hi All,

>

>I think more people should read all the posts on a subject

>before forming opinions!

>
>The BIG CHANGE lasted for about a day.
>
>
Ron, your post reflects an extreme case of Sanity...Thanks!
Hopefully, Chuck is like an ol' tomcat and will be back.
73 Pete NV4V Somewhere South of Nonesuch,KY
That's N.E of Gravel Switch

Date: Tue, 2 Nov 1999 14:42:38 -0500 (EST)
From: lujce@Lehigh.EDU
To: qrp-l@lehigh.edu
Subject: [54977] ADMIN
Message-ID: <199911021942.0AA51294@nss4.cc.lehigh.edu>
Content-Type: text

Gang,

Discussion is open to anything QRP-related. Would it be too much trouble to ask that we use Chuck's list of subject topics, so those not interested in a topic could easily filter or delete it?

Here's a new topic: LIST - suggestions/ideas/etc concerning operation and format of the list. I know there's many that would like to filter that topic. Don't worry, I won't.

73
Jim N3VXI

Date: Tue, 02 Nov 1999 14:46:18 -0500
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [54978] Re: HB: 1V Challenge
Message-ID: <381F3F8A.8F7089AD@rit.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Bruce Kizerian wrote:

>
> A few thoughts on the 1V challenge:

> 3. Some may have felt that encouraging a youngster's participation would slow
> them down. Perhaps, but you probably annoyed your Elmer at times when you were

> learning, too. I think every contest should make the appropriate concessions
> necessary to encourage beginners' participation.

Bruce,

Hi. My name is Dave, and I'm an Elmer.

<Hi, Dave!>

When I came to work for this company, it was (I thought) to build the latest in a long line of kickin' power meters. Since then, however, it seems like I've done nothing but answer questions. There's constantly a line of engineers and programmers at my cubicle asking why a meter does this, how should we program that, etc. (I'm the meter expert, whether I like it or not.) What I'd LIKE to do is build the darned thing myself. But it's not going to happen. My job is to teach someone else to do it.

But you know what? It's working. I've got guys coding for me that are working minor miracles. Our hardware engineers, taking a good look at actual product requirements instead of "tradition," have found ways to cut cost, improve linearity, and make a device that comes closer to being the "perfect" meter than anything I've ever built. Remember, none of these are meter "experts," but they're a darned sight smarter than I am.

So what does a guy like me do? A guy who likes to build stuff, but who can't because the people he works with are better at it than he is?

Two things:

1) Tell them to do the things that either I know I can't, or that I don't like to do. (We need a database program? Okay. Joe - go write a database program.)

2) Subscribe to QRP-L, and get ideas for things to build at home. (Grin)

I've seen people on this very list complain that they have a hard time soldering surface mount parts. (Self included.) Okay - find a local 12-year old, teach him or her to solder, and let 'em at it while you design the circuits.

Need somebody to kit parts? Teach the kids to identify parts, give them a pick list, and turn them loose. Sure you'll get mistakes - look how many YOU made getting here. Peek over their shoulder, check up on them, give 'em rewards for accuracy. (Just like the real world is gonna do to them when they get out of school. You're doing them a favor.) Besides, my kids can read the darned tan-on-beige markings on ceramic caps a heck of a lot easier than I can.

Take a hint from Tom Sawyer. Don't act like it's work. Act like it's a privilege. (I know kids are smart and cynical these days, but it DOES work occasionally. At least once.) Whitewashing a fence or launching a rope over a tree limb can be a real challenge. Give them a chance to rise to that challenge.

<Crunch>

Nuts, there went my soapbox. (Grin)

> And, so, I propose a few simple changes to the rules for the 1V Challenge.
>
> 1. Make it a 3V challenge.
>
> 2. Allow ICs to be used.
>
> 3. Give bonus points to those who work with a beginner (young or old or in
> between).

In this case, I think we should look at the intent of the contest before making changes. If the intent is to attract fresh meat, more attainable goals are in order. If the intent is for the grizzled veterans to advance the state of the art, I think a higher, possibly unattainable goal is in order. My impression from the initial announcement is the latter, in which case I'd recommend that the 1 volt limit remain.

I -do- like the idea of allowing ICs, though - I think that would be more of a challenge. Maybe not practical (see 'unattainable' above), but you never know.

Now if I can just get around the "bring it to Dayton" thing...

> Sorry, for this lengthy post. I feel pretty strongly about wider participation
> in building contests. The future of ham radio depends on how well we teach and
> encourage youngsters about radio.

There's opportunity for learning in either kind of contest - for experienced and inexperienced alike.

Dave

--

Dave Hinerman WD8CIV
Ontario, NY Grid FN13IF
dlh1009@rit.edu

Date: Tue, 2 Nov 1999 14:11:58 -0600
From: Karl Kanalz <KKanalz@excel.com>
To: rerobins@email.uncc.edu, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [54979] RE: 1/4 wavelength Marconi feeder
Message-ID: <2D343922E283D211945C0008C7A41B2ACEB645@ADNTEX01>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Rather than use parallel runs of 75-ohm coax cable (with its cost, bulk and weight), you'd be better off building a small (depending on power level, it can be t-i-n-y) matching network for the base (feedpoint) of the antenna, Rick. Then you can use any coax feedline to the rig that you happen to have handy.

By the way, there's a large misconception about the feedpoint impedance of a 1/4-wave monopole over a groundplane....it's not really 36 ohms as most folks have been led to believe, but more like 24 to 26 ohms in "real life" !

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Richard E. Robinson [SMTP:rerobins@email.uncc.edu]
Sent: Tuesday, November 02, 1999 1:30 PM
To: Low Power Amateur Radio Discussion
Subject: ANT: 1/4 wavelength Marconi feeder

I've been experimenting with a 13' collapsible whip that I have for use as a portable antenna. My current configuration is a 1/4 wavelength Marconi or inverted-L. Coming off the top of 13' section I have a 3 conductor ribbon cable 20' long for a 1/4 wave at 40, with the other 2 conductors cut for a 1/4 wave on 30 and 20. I use 2 St. Louis style radials made from 7 conductor ribbon cable for 40 - 10 meters. Above 20 the whip is shortened for a 1/4 wavelength vertical.

So far I've had good results but would like to improve them. I recently picked up a copy of "Practical Wire Antennas" by John Heys, G3BDQ. In it Heys states that the base feed impedance at resonance of a 1/4 wave length Marconi is around 36 ohms. He suggests feeding the antenna with parallel runs of 75 ohm coax.

I've thought about using the mini-75 ohm coax similar to RG-174 but the

price is staggering. The Belden mini-75 is over \$1.25 per foot. Does anyone have any lower cost suggestions or a cheaper/lighter weight alternative?

Thanks and 72,

Rick kf4ar

Date: Tue, 2 Nov 1999 14:41:45 -0500
From: "KC1DI" <elbc@pivot.net>
To: <rerobins@email.uncc.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [54980] Re: 1/4 wavelength Marconi feeder
Message-ID: <000001bf256e\$6fee9440\$4211a1d0@mine1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Richard E. Robinson <rerobins@email.uncc.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, November 02, 1999 2:30 PM
Subject: ANT: 1/4 wavelength Marconi feeder
> I've thought about using the mini-75 ohm coax similar to RG-174 but the
> price is staggering. The Belden mini-75 is over \$1.25 per foot. Does
> anyone have any lower cost suggestions or a cheaper/lighter weight
> alternative?
>
> Thanks and 72,
>
> Rick kf4ar
>
>
>
How about Rg 6 it's cheap..

Date: Tue, 2 Nov 1999 12:10:11 -0800
From: "NA6E" <mcherry@calweb.com>

To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [54981] RE: CONTESTS: SS next weekend
Message-ID: <NDBBKOCKMLENHNPHHOFMCEAA.mcherry@calweb.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gads Ron...you and Mountain Man Chuck might as well just sit back and enjoy the contest cuz you'll both be buying me that Las Vegas dinner.

This contest was my first honest attempt at working a full contest last year and it's great fun. And I'll reinforce what Ron and Ed Hare both stated...TURN IN YOUR LOGS. It not only shows how popular QRP is, but also what great ops we have. And you just never know, you might come in first or at least the top Ten. Or join us in Las Vegas for dinner.

** 73 **

Mary, NA6ESacramento, CA

Date: Tue, 2 Nov 1999 14:26:07 -0600
From: Karl Kanalz <KKanalz@excel.com>
To: elbc@pivot.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [54982] RE: 1/4 wavelength Marconi feeder
Message-ID: <2D343922E283D211945C0008C7A41B2ACEB64D@ADNTEX01>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Using "Siamese RG-6" is one solution that's truly inexpensive (check out any Radio/TV parts house... even Mouser should have it). It gives you TWO runs of 75-ohm, double-shielded, foam insulated coaxial cable that are "stuck together", just like old-fashioned lamp cord (except it's bigger in diameter). Handy for making those parallel connections at each end to get a 35-ohm feedline impedance.

It's gonna' be bulky for hauling to the field, though....

Karl K - W8TIF
McKinney, Texs

-----Original Message-----

From: KC1DI [SMTP:elbc@pivot.net]
Sent: Tuesday, November 02, 1999 1:42 PM
To: Low Power Amateur Radio Discussion
Subject: Re: 1/4 wavelength Marconi feeder

----- Original Message -----

From: Richard E. Robinson <rerobins@email.uncc.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, November 02, 1999 2:30 PM
Subject: ANT: 1/4 wavelength Marconi feeder
> I've thought about using the mini-75 ohm coax similar to RG-174 but the
> price is staggering. The Belden mini-75 is over \$1.25 per foot. Does
> anyone have any lower cost suggestions or a cheaper/lighter weight
> alternative?
>
> Thanks and 72,
>
> Rick kf4ar
>
>
>
How about Rg 6 it's cheap..

Date: Tue, 02 Nov 1999 13:30:53 -0700
From: Jess Gypin <jessqrp@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [54983] Test do not read
Message-ID: <381F49FD.951EF12B@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Test

Date: Tue, 2 Nov 1999 12:30:55 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@lehigh.edu>
Subject: [54984] REVIEW: Building the K2
Message-ID: <01bf2571\$2a4d3ba0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Last night, I finished one of the most pleasureable experiences I have ever had in ham radio. I completed my K2 from Elecraft. This kit is not another step up, it is several orders of magnitude better than any other ham radio kit. It was fun to build, it was educational, and the engineering and design that goes into this kit makes others pale by comparison.

Eric Swartz and Wayne Burdick have outdone themselves and every other kit designer with their work on the K2. It was like reading a wonderful book, I had to tear myself away from building it. Several nights I stayed up until 2 AM or so building, and even then I hated to stop.

The manual is first rate. The very best I have ever seen.

The parts are all high quality, but I have to ding the guys a bit here. The low value disc ceramics do not fit the holes. You have to bend the leads, and it is a pain. I feel that all parts should be a drop in fit on a commercial kit. It would take one of two things to fix: Find another source for the caps, or do another version of the board and make the lead spacing correct. Most of them are off by .05" (When I say most, there are about 15 or 20 caps that you have to bend the leads on.) I know this is a minor detail, but it was the only thing that I have to criticize about the kit. The rest of it was wonderful. The best part is that now the resistors are on tape in the order that you use them. NO more searching for the right resistor, reading the color code, and verifying with a DVM!! All the parts are separated by type, and that is a neat feature.

The kit is built with 3 boards, a Front Panel, Control and RF Board. They fit together like a glove, and the case fits perfectly. It is fun to put this one together.

Also, the rig is so smart that you use it to test itself. There are 3 major test points, and it is exciting to do them. Wonderful troubleshooting section if you have problems, and Elecraft is outstanding with customer support. Plus, they have a reflector and archive where you can contact over 600 other K2 builders.

My rig passed the receiver alignment tests with no problems, but I was nervous about doing the transmitter alignment. So, I hauled the kit over to Dave Fifield's and he did it for me while I watched. I was amazed at how simple it was, and also that I was afraid of doing it myself. I thought that you needed sophisticated equipment to do it, not at all. In fact, if you have a DVM, a dummy load and a VE3DNL marker generator, you have all of the test equipment that you need, Really! Dave used his scope, WM-2, and HP Signal Generator, but it was not needed. The VE3DNL could have been used to peak the receiver and set the coils on all of the bands. If you are

building the K2 and don't have a signal generator, I suggest that you get a VE3DNL to use, as it will work just fine. And, I built my K2 at my kitchen counter, errrr, the XYL's kitchen counter. The reason? Well, I knew that it was going to take a long time and I did not want to isolate myself from my wife, so I got the idea of building it at the kitchen counter from Ed Loranger's posting about building his K2 standing up. Ed, now there is another guy who has built his K2 "standing up". It also proves that you don't need a fancy building area to build qrp rigs.

By the way, my K2 has an MDS of at least -140 on all bands!! How do I know? Well, Dave set the Signal Generator at -140 and you could hear the signal as it swept by!! I say at least -140 because that was as low as the HP would go, and we had no problem hearing it at all.

I remember the first kit that I saw that took my breath away. It was a SB104A that Guy Baker, N0GB, built back in 1976 when I lived in Kansas. I was in awe! I have thought about that kit many times, and have wished that I would have saved up the money and bought one of them when it was available. Well, that regret is no more. The K2 experience has erased it from my list of things that I wished that I had done. Now, I have built the kit of my dreams. Thank you Eric and Wayne.

My goal now is to get on the air and operate. I will be on tonight on 20 and 15 meters if open, later on 40. IF you hear KI6DS calling CQ, please give me a call. If you know me and have ever seen me grin, think of that as you work me, because I know I will be grinning. I have plans to work CW SS this weekend with K2 #621.

Standard disclaimer. I paid for my kit and was happy to do so. I give Elecraft and the K2 my highest recommendation.

Date: Tue, 02 Nov 1999 13:36:58 -0700
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [54985] Re: ADMIN
Message-ID: <381F4B6A.9449D279@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks,

I don't mind voluntary or involuntary adherence to topic tags in headers. I'd prefer voluntary adherence. Either way, it would be nice if each post were

then tagged with a trailer with the list of topics. I hate having to go somewhere to look up what the topic tags are, plus who knows how much discussion will be generated from questions about what tags are used. Perhaps a short inof message on how to unsub would be appropriate, too.

72 - john - n0hj

Date: Tue, 2 Nov 1999 12:49:35 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [54986] REVIEW: Building the K2 OOPS I Forgot
Message-ID: <01bf2573\$c68d9ee0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In my excitement about writing the reveiw of the K2, I forgot to add this line.

Buy a K2 and build it, you will never regret it.

72, Doug, KI6DS
862 Frank Ave.
Dos Palos, CA 93620

Date: Tue, 02 Nov 1999 16:10:43 -0500
From: Jim Stafford <w4qo@amsat.org>
To: jaevans@codenet.net, lujce@Lehigh.EDU, qrp-1@Lehigh.EDU
Subject: [54987] Re: ADMIN
Message-ID: <381F5353.7F13E88D@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There is now a list of the topics that Chuck proposed at:

<http://www.qrparci.org/qrp/faq.htm#topic>

Except I will have to add LIST: to the list of topics.

Jim, W4Q0, QRP-F admin

"John A. Evans - N0HJ" wrote:

> Folks,

>

> I don't mind voluntary or involuntary adherence to topic tags in headers.

> I'd prefer voluntary adherence. Either way, it would be nice if each post were

> then tagged with a trailer with the list of topics. I hate having to go

> somewhere to look up what the topic tags are, plus who knows how much

> discussion will be generated from questions about what tags are used. Perhaps

> a short inof message on how to unsub would be appropriate, too.

>

> 72 - john - n0hj

Date: Tue, 2 Nov 1999 16:27:14 -0500

From: "S. M. Whitehouse" <ke4yh@gte.net>

To: <weinfurt@oak.cats.ohiou.edu>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>

Subject: [54988] HB: Re: 1 volt challenge idea

Message-ID: <001c01bf2579\$09a14e20\$642c6018@Stew.gte.net>

I have some 2N404's and 2N396's in my junk box. Aren't they germanium?

Stew KE4YH

Dunedin, Florida

-----Original Message-----

From: Greg Weinfurter <weinfurt@oak.cats.ohiou.edu>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Tuesday, November 02, 1999 12:54 PM

Subject: 1 volt challenge idea

>Hi all,

> Just in passing... the smoky haze is clearing... I remember using

>germanium transistors with some low voltage stuff... it was amazing the low

>voltage that you could use to get a circuit going, less than a volt I'm

>sure.

>

> How-so-some-ever... I don't know if any of the germaniums are still

>available and I don't think the frequency range was real high. Although I

>thought that there were some used for FM receivers in the RF section.

>

> Well the smokey haze has returned...back to melting solder here at

>work!
>
>72 all de NS80
>
>

Date: Tue, 02 Nov 1999 13:34:30 -0800
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Cc: ki6ds@dpol.k12.ca.us
Subject: [54989] RE:REVIEW: Building the K2
Message-ID: <381F58E6.AA1@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Man o' man Doug! Great review Doug, you really nailed it. A great kit and such fun build. It's very awesome that you built yours while standing up too. That is so cool. Now you have to build a second one to keep up with your Norcal neighbor. Hi!

And if you ordered all the options, you pretty much get the kitchen sink for free!

Way to go big guy. I can see your grin from here. Congrats!
72/Ed we6w

--
-72/Ed WE6W; AR Millennium Q's=> 1935/2000 A-1 OP
<http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Tue, 02 Nov 1999 16:50:37 +500
From: Terry Bendell <terryb@bmts.com>
To: <bahr521@earthlink.net>
Cc: <qrp-l@Lehigh.EDU>
Subject: [54990] Re: QRP-L, QRP-F
Message-ID: <199911022147.QAA27868@Alice.BMTS.Com>
MIME-Version: 1.0

A list is very simple to make and maintain. If you build it they will come. While I enjoy this list it's not the end of the world if it

ends. Someone somewhere else will put up another. Don't panic, Let's not gaze too long at the lint in our belly buttons. Just get on with it.

Just my perspective.

73

Terry

VE3TKB

Sysop Big Sky BBS and Skynet Systems (Since 1979)

>desires too! I am not putting them down. I think the service
>provided by them up to now have been one of the great wonders of
>the world. Their list have served the qrp community very well. But,
>what about the future? Can we do better on our own, or should we
>shut up and say what they provide us is the best we can expect for
>ourselves?

Date: Tue, 02 Nov 1999 14:06:29 -0800
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [54991] Re:1 V Challenge
Message-ID: <381F6065.7FB@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Cool! What a great idea. I have a huge compendium of radio and electronic circuits and there is even a nice 1.5 volt, 60 dB gain RF preamp in there. With AGC! This is very doable. And no whining about IC's. There was a time they didn't exist and we got by fine. Besides, don't you hate having to find sources for special circuits down the road? Besides, what is in the IC can be duplicated discretely except perhaps Higher GHz frequency applications.

But for the homebrewer with a decent junkbox, why send him/her out to buy anyother special component? That's what is so cool about the 2n2222/40 project and now this 1 Volt challenge.

And no need to QRT your project because you want to use IC's. Build it anyway, you'll have fun and perhaps be enjoying yourself with it on the air. No need to change the original challenge concept. Just do what you want and perhaps part of your working

project can be combined with part of someone else's to produce a finished work of art we can all build from the junkbox.

IC's and PIC's are cool, but there's always someone selling the required DLP code. And you can't open the hood and tune it yourself without experience. So I like the idea of common discreets which the DVM owner can work with and design with the best of them.

If nothing else we'll be scouring the circuit cellar for low voltage projects and find parts to the puzzle.

One thing, I would definitely like a discrete MosMarx generator running my project and if it turns a 1.2 Volt NiCd battery to 12 Volts, so what?

We is gonna have fun, we is.

0.72/Ed we6w

--

-72/Ed WE6W; AR Millennium Q's=> 1935/2000 A-1 OP

<http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Tue, 02 Nov 1999 17:08:17 EST
From: "Kent, AE4Y" <ae4y@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [54992] Re: Sweepstakes Software
Message-ID: <19991102220817.75596.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

The freeware version of CT (version 6.2, I believe) is available many places on the web. You'll have to edit the Section database to add the sections which have been created since that version of the program was written, but it is one of the best contest logs available.

Kent, AE4Y

QRP ARCI #4175 QRP-L #1844

Visit: <http://www.qsl.net/ae4y/>

>From: "Ken Hanks" <ken.hanks@po.state.ct.us>
>Reply-To: ken.hanks@po.state.ct.us
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Sweepstakes Software

>Date: Mon, 1 Nov 1999 23:05:01 -0500
>
>I am looking for a freeware or shareware logging program for the
>Sweepstakes. I've decided that this year I am going to do the CW contest
>(QRP of course!)
>
>I have some older logging software but it does not support the new station
>categories.
>
>Any ideas?
>
>73,
>
>Ken Hanks K1 XS
>Naugatuck, CT
>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 2 Nov 1999 17:12:42 -0500
From: "ai2q" <ai2q@ispchannel.com>
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [54993] RE: 1 V Challenge
Message-ID: <000201bf257f\$62da2100\$5c32a7d0@ai2q.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What's more guys (and gals), a lot of ICs and other devices are appearing from vendors, in response to the portable systems demands of designers. Many of these parts--and systems--are designed for 1 V or even 900 mV battery operation. It's becoming a single-cell world folks!!

Check out news of these devices in EDN, Electronic Design, Portable Design, EE Times, and other trade rags.

-- Vy 73, AI2Q, Alex in Kennebunk, Maine

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Ed Loranger
Sent: Tuesday, November 02, 1999 5:06 PM
To: Low Power Amateur Radio Discussion
Subject: Re: 1 V Challenge

Cool! What a great idea. I have a huge compendium of radio and electronic circuits and there is even a nice 1.5 volt, 60 dB gain RF preamp in there. With AGC! This is very doable. And no whining about IC's. There was a time they didn't exist and we got by fine. Besides, don't you hate having to find sources for special circuits down the road? Besides, what is in the IC can be duplicated discretely except perhaps Higher GHz frequency applications.

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IC's and PIC's are cool, but there's always someone selling the required DLP code. And you can't open the hood and tune it yourself without experience. So I like the idea of common discreets which the DVM owner can work with and design with the best of them.

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We is gonna have fun, we is.

0.72/Ed we6w

--

-72/Ed WE6W; AR Millennium Q's=> 1935/2000 A-1 OP

<http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Tue, 2 Nov 1999 17:51:59 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [54994] HB: More on 1V Challenge
Message-ID: <199911022232.RAA12456@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Instead of working, I spent all day playing with the 1.5V osc and amplifier. I'll play catch up tomorrow :-)

The best I've been able to do so far at 1.5 volts is about 40 mw out. If I go to 3 volts, it gets considerably better, 640 mw. This, BTW, is using 2N7000 mosfets as a push pull amp. The 2N7000's in push pull don't work any better than one as a single end amp at 1.5V, but makes a big difference at 3.0 Volts. Might get even better if I select them for minimum turn on voltage and match them.

HINT: To drive the 2N7000, put a tuned circuit across the gate (link couple the drive) and bias the other end of the coil at the supply voltage.

So, even at 1.5V, a milliwatt Tx is do-able.

Now, I guess it's time to start thinking about a receiver...

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Tue, 02 Nov 1999 17:31:35 EST
From: w4pj@w4bkx.ampr.org
To: qrp-1@lehigh.edu
Subject: [54995] CONTESTS: Re: SS next weekend
Message-ID: <66431@w4bkx.ampr.org>

On Tue, 2 Nov 1999 10:49:49 -0800 (PST)
Monte Stark <ku7y@dri.edu> wrote:

>This is a fantastic time to work all those states you need for WAS!

Doc, I'll be looking for you, need N.Dak for my last state QRP <g>

>When calling CQ I like to throw in a /QRP now and then.

>... (But please, don't send /QRP to the "big" stations...

Sometimes a quick "QRP" in the pileup gets a return "QRP AGN ?"
and I mean quick, at 30wpm+ it won't cause the other operator to skip
a beat.

>And SEND IN YOUR LOG. Like Ed said earlier, that really
>helps show the ARRL how popular QRP is becoming. And don't
>forget the pins!

Yup! Ya never know, you might just get an envelope from ARRL HQ with a
Certificate saying "First Place Single Operator QRP CW..." <big grin>

<snip>

de (Scott) W4PJ

ScottRHotchkissW4PJ1525NW5thAvenueFortLauderdaleFlorida33311<EL96vd>QRPL1585

Date: Tue, 2 Nov 1999 15:06:54 -0800
From: "K7FD" <cqdx@teleport.com>
To: <ki6ds@dpol.k12.ca.us>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [54996] Re: REVIEW: Building the K2
Message-ID: <19991102225830.6699.qmail@relay1.teleport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Doug KI6DS, recent K2 convert, wrote:

> Last night, I finished one of the most pleasureable experiences I have
ever
> had in ham radio. etc.
>
> Several nights I stayed up until
> 2 AM or so building, and even then I hated to stop.

I believe Eric and Wayne need to put a Surgeon General's warning
on every K2 shipped...May Cause Drowsiness & Possible Addictive Side
Affects...

> and Elecraft is outstanding with customer
> support. Plus, they have a reflector and archive where you can contact
over
> 600 other K2 builders.

Here we go, a built in support group for others members of K2'ers
Anonymous...

> I built my K2 at my kitchen
> counter, errr, the XYL's kitchen counter.

Hey, what's that doing in there? That looks like a sliced olive...no
wonder

I've got one toroid left over...

> I remember the first kit that I saw that took my breath away. It was
an...

Me, too. It was a Heathkit Warrior Amplifier. NOW that baby would make
anyone breathless...

> My goal now is to get on the air and operate. I will be on tonight on 20
> and 15 meters if open, later on 40.

Seriously, congratulations Doug!! I agree with everything you said down
the line. The K2 is a smile maker, no doubt! I'll be lookin' for you
on the bands tonight...K2 to K2 all the way!

72 John K7FD K2/586.....K2/655 in progress...

Date: Tue, 2 Nov 1999 16:13:50 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: ki6ds@dpol.k12.ca.us
Cc: qrp-1@Lehigh.EDU
Subject: [54997] REVIEW: RE: Building the K2
Message-ID: <19991102.161624.-393119.1.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Doug,

I also found some of the disc caps did not fit well into the PCB pads.
Solution? I simply got out my genuine, super duper, Norcal Capacitor kit!
No worries? Rrrroight?!!!

I also used the Norcal toroid kit to wind some other inductors when I was
experimenting with a couple of the transformers in the K2. That made it
easier to do comparions without using the same core over and over.

Thanks to you and Norcal for stepping in at the right time with the right

solutions to my cap, toroid, and resistor supplies.

Also, don't be sorry you never got a Heath SB-104A. I have one of the early ones, sn. 00450 that Heath and I debugged. It makes the Norcal 20 development effort look like a cakewalk! I have made many, many, changes to that kit and later did the upgrade of my early SB-104 to the SB-104A model. I have used it a lot in the past, even as a QRP rig since the relay is noisy in QRO mode, and the QRP selection does not need the relay. I worked many EU QSO's on 75 and 80 m using 1 watt to a inverted vee at 50' when I lived in Fla.

But I'll never part with it, because I built it in my high school years and it pretty well taught me electronics before I ever got to electronics school. Heck, if it had not needed so much debugging, I would not have learned much by building it. With the investment of time and knowledge I got from the kit, I saved thousands of dollars on education. I eventually re-wound almost all the toroids in the kit, since they either aged poorly, or were incorrectly wound in the first place. There's a bunch of them, too. 8^p

Seems to me that Chuck, K7Q0, has an unbuilt one in his possession. Maybe he'll get the time to start on it after he builds *his* K2 now that he is free of the QRP-L. I'd be glad to help him if/when he runs into some of the bugs I found.

As you said, the K2 is absolutely in a class all by itself. BTW, have you countersunk those cabinet holes and replaced all the screws with flat head ones yet? Just kidding. ;-) See you on the air soon with all the other K2 owners.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 2 Nov 1999 15:23:35 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [54998] RE: CONTESTS: SS next weekend
Message-ID: <Pine.GS0.4.10.9911021515440.20158-100000@rotor.dri.edu>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 2 Nov 1999, NA6E wrote:

> Gads Ron...you and Mountain Man Chuck might as well just sit back and enjoy
> the contest cuz you'll both be buying me that Las Vegas dinner.

Nice try Mary but.....

It's you and Chuck that will be splitting the bill for my dinner!

If the high bands are open very much it will take over 700 QSOs
and 76 sections to win that dinner!

But just relax....knowing that if you miss just one "dit" in the
whole exchange, you eill loose that QSO....unless that poor little
"dit" was in the call sign, in which case you will lose that one
plus 3 more as a penalty!

Just relax....no pressure.....Las Vegas dinners don't cost THAT
much.... :-)

88's

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....

Date: Tue, 2 Nov 1999 17:27:04 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [54999] FOXHUNT:Team Scores
Message-ID: <Pine.LNX.3.95.991102172058.24494A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Some more additions/corrections/changes have come in for the first hunt
with K10J as the fox.....PLEASE FOXII, SEND YOUR "FINAL LOG" TO ME AS WELL
AS TO PAUL...that will be a big help...thank you all....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

Fox Hunt #1 - K10J -

20th. MAINE BENGAL BEARS:Total=1

Jim - N5IB
Butch - N5SMQ <-
Bill - NT1R
Joel - KE1LA

BLUE J's:Total=0

John - VE3JC
Jim - VE6JWA
Jeff - VA3JFF
Jon - TF3JA

DURHAM MORSE MEN:Total=0

Jim - VE3KQN
Ken - VE3ELA
John - VA3JE
Garry - VE3REP

EMPIRE HOUNDS:Total=0

Dick - K2REB
Kevin - N2T0
Mark - N2JTW
Nick - KF2PH

HOUSTON HOUNDS:Total=3

Bill - K5ZTY <-
Bill - W5SB <-
Terry - KQ5U
Dan - KK5LD <-

MANGY MUSHERS:Total=1

Pete - NV4V <-
Paul - VE7CQK
Bruce - N7RR
Ed - K1VP

NIGHT OWLS:Total=0

Ed - WE6W
Rich - N5JI
Dan - N7CQR
Ben - NW7DX

OKLAHOMA TORNADOS:Total=2

Cliff - AB5UA <-
Royce - KE5TC
Don - K5AAR <-
Gody - AC6U

RAIDERS OF THE LOST RF:Total=0

Fred - VE3FAL
Earl - VE6EWM
Mary - NA6E
Bruce - VE5RC

SCATTER SHOT GUNNERS:Total=0

Mike - K1MG
Jack - W5TFB
Stan - N6XU
Pat - K0PC

SFBA FOGHORNS:Total=0

Bob - N6WG
Conrad - NN6CW
Andreas - N6NU
Allan - K7GT

SWAMP RATS:Total=3

Tom - N1TP <-
Mac - AF4PS <-
Fred - W2XN <-
Paul - AJ4Y

SWORDS:Total=2

Rick - WB6JBM
Andy - KC8KFI
Doc - K0EVZ <-
Dan - N8IE <-

TEAM ScQRPion:Total=2

Floyd - NQ7X <-
Gary - AB7MY
Conard - WS4S <-
Bob - KI7MN

TEXAS TARANTULAS:Total=2

Bill - K5LN
Dave - N5IW(new call)
Bob - AF5Z <-
Tom - N5TW <-

WESTERN WRANGLERS:Total=0

Randy - K7TQ
Chuck - K7Q0
Steve - WW7Y
Ron - KU7Y

TEAM CRAMP.COM:Total=2

OJ - K10J
George - K5VUU <-
Mike - K5NZ <-
Eric - NM5M

TESLA'S TERRORS:Total=4 Clean Sweep

Wayne - N0EA <-
Dan - N0DT <-
Tim - N0EHW <-
Joe - W0JOE <-

UNDERDOGS:Total=2

Roy - AB7CE
Dan - N4ROA <-
Brian - KB9BVN <-
Ron - KI0II

NORTEX Irregulars:Total=0

Doc - W5TB
Joe - KK5NA
Don - N5YAK
Barb - KK5QA

any final changes for the K10J fox log please?....72 - Bruce(VE5RC+VE5QRP)

Date: Tue, 2 Nov 1999 15:27:37 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [55000] RE: CONTESTS: SS next weekend
Message-ID: <Pine.GSO.4.10.9911021525380.20158-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Opps.....

Just saw the post on the contest reflector from Dan at ARRL.

If you send in a paper log, busted calls are still 1 + 3 penalty.

But if you send in an electronic log it's just 1 + 1 penalty!

Another good reason to e-file your logs!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....

Date: Tue, 02 Nov 1999 18:50:04 EST
From: ka7you@juno.com
To: QRP-L@LeHigh.EDU
Subject: [55001] 2N3553 Sub?
Message-ID: <19991102.165346.12647.7.ka7you@juno.com>

I'm considering helping build a 30M 2-transistor transmitter from the QRP Classics. Since it is a 15 year old design, is there a better final transistor to use than the 2N3553.

The schematic uses a 2N2222 as a driver and the 2N3553 as the final for about 1.5 watts out. I see that 2N3553 called out pretty often in the older literature, and was just wondering...since I didn't see it listed in the first three catalogs I checked.

The NTE cross-reference shows an NTE 473, and Mouser does not show it

either. It shows a NTE 473 as a Po=1.8 watts in the 130 to 175 MHz range, with a max Vcbo of 36 volts.

Can I just drop a CB output transistor in there?

Thanks,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
80M thru 10M with K2 s/n268 and other fine QRP rigs.
VHF thru 1296 MHz-higher bands pending
ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 2 Nov 1999 18:53:31 EST
From: Wa3ptg@aol.com
To: leon_heller@hotmail.com, qrp-l@lehigh.edu
Subject: [55002] Re: 1V Challenge
Message-ID: <0.66083d63.2550d37b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Didn't the challenge say no IC's??

WA3PTG
Harry (Hap) Hurst
Wilmington DE

Date: Tue, 02 Nov 1999 18:54:32 -0500
From: Hank Kohl K8DD <k8dd@arrl.net>
To: ae4y@hotmail.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [55003] CONTEST: Re: Sweepstakes Software
Message-ID: <4.1.19991102184924.00bc49c0@mail.tir.com>
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At 05:08 PM 02-11-99 -0500, Kent, AE4Y wrote:
>The freeware version of CT (version 6.2, I believe) is available many
>places

>on the web. You'll have to edit the Section database to add the
sections
>which have been created since that version of the program was written,
>but
>it is one of the best contest logs available.
>
>Kent, AE4Y
>
>QRP ARCI #4175 QRP-L #1844
>Visit: <http://www.qsl.net/ae4y/>

Although CT 6.2 is free, it does not have the new Precedence's built
into it. But, after adding the new sections to the .dat file, with the
Note feature during the contest, you could add a note indicating the
proper Precedence (other than A B Q) and after the contest print the
notes, convert the .bin file to .sdf, edit it, convert it back and
write the logs.

Amazing what hams will do to keep from -- shudder -- buying a
registered copy, complete with support, of the program!
<joke....that's meant as a joke!!!!>

73 Hank K8DD

End of QRP-L Digest 1627

